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A COMPARATIVE WORD LIST  
OF THE MABUSO LANGUAGES,  
MADANG PROVINCE, PAPUA NEW GUINEA

by

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## TABLE OF CONTENTS

	<i>Page</i>
Introduction	v
Abbreviations	xi
Alphabetical List of Vocabulary Items	xii
COMPARATIVE WORD LIST	1
Appendix A: Dual Pronoun Forms	160
Appendix B: Mabuso Pronouns	163
Appendix C: Possessive Marker	
Negation Marker	173
Appendix D: Ligatives	174
Appendix E: Plural and Dual Pronoun Formatives	175
Notes	176
Language Map	179
Bibliography	181



## INTRODUCTION

1. The Mabusos languages are located south and south-west of Madang on the north-east coast of New Guinea. The language stock with its 22,869 speakers is named after the Mabusos Open Electorate which covers roughly the same area. The Mabusos language stock was first proposed by Z'graggen (1969<sup>1</sup>, 1971a) and formed at that time, with the Usur language group (now Peka Family, a member of the Rai Coast Stock, located east of the Mabusos language area), the Madang Phylum. However, some gaps remained in the unsurveyed part of the Mabusos language area and the eastern boundary was not yet established. The author surveyed the remaining area mainly from January 1971 to November 1973, and as a result updated his previous classification.

2. The Mabusos Stock consists now of three families: Hanseman (C11-C29), Gum<sup>2</sup> (C6-C10) and Kokon (C2-C5); and one family type isolate, Kare (C1). The stock comprises 29 languages. The division into language and dialect was based on the informants' opinions. A subsequent preliminary comparison of the vocabulary revealed, however, that some of the languages have more than 80% of shared vocabulary, e.g. Panim - Isebe, Silopi - Utu, Wamas - Samosa - Murupi - Mosimo. Despite a high percentage of shared vocabulary in these languages, however, competent informants insisted that their language is distinct from others. Mutual intelligibility among the languages, as given in this study, has yet to be studied and tested. The Sihan language was previously assigned to the Kokon Family but is now regarded as a member of the Gum Family. In the present classification the Mabusos Stock forms part of the Madang Super-Stock which is part of the Madang-Adelbert Range Sub-Phylum of the Trans-New Guinea Phylum (Wurm : personal communication). The Madang-Adelbert Range languages are related to the Trans-New Guinea languages; but since

only part of the presently known Trans-New Guinea Phylum vocabulary is found to be present, the status of a sub-phylum is given. A summary of the Madang-Adelbert Range Sub-Phylum is given in Z'graggen 1975a and an overall view of the languages of the Madang District is presented in Z'graggen 1975b. Some of the Mabusu languages were recently included in wider area studies by Loukotka (1957), Salzner (1960), Capell (1962, 1969), Voegelin and Voegelin (1965), Wurm (1971) and Greenberg (1971).

3. This volume presents in comparative tables a list of around 300 words for further research and evaluation. The personal pronouns are given in their free, genitive and verbal object forms (pp.7-12, 160-62). The pronouns in each individual language are also given in Appendix B for further evaluation. In Appendix B the possessive pronoun forms followed by the possession marker are also included. It is observed that in some cases such as Kare the possessive pronoun is a reduplication of the pronoun root.

In the Gum, Munit, Sihan, Garuh and Kamba languages the free plural pronoun forms are suffixed by -ke, -ge, -g which is in complementary distribution to the dual forms, and a morpheme division is given. This suggests that the plural pronoun forms are suffixed by a plural or dual number marker. But the above mentioned plural pronoun is also found with the singular pronoun forms as in Bagupi, Saruga, and this makes such a derivation questionable. The formation of the dual pronoun forms could also be understood as a change of consonant as is the case for the affixed genitive and verbal object pronoun forms. This means that the velar stop of the free pronoun becomes r, l, t, y, s, Ø. In some cases such as Samosa, Murupi, the numeral 'two' is added and in Girawa, Bemal, Yoidik and Rempi a noun root suffixed by the singular pronoun is employed (see Appendix E).

The free pronouns belong to Set III of the Trans-New Guinea pronoun sets (see Wurm 1975a) with some exceptions in Kare. The u'pa 'he' form in the Gum languages could be assigned to set III or II.

Additional words are to be found in Miklukho-Maklai (1951), Dempwolff (1905), Waugh (1924-25), Kaspruś (1942-45) and Mager (1952), etc. For identification of the language names see Z'graggen 1975b. Inselmann's comprehensive dictionary on Garuh (Nobanob) and Wullenkord's on Amele are unpublished. At the bottom of each column forms for the reconstructed Austronesian languages known as Proto-Oceanic (PO)<sup>3</sup> are provided, wherever the reconstructions are known. Although genetically unrelated, Oceanic Austronesian and Papuan languages have been in contact for several thousand years in the New Guinea area and some borrowing has taken place.

The Proto-Oceanic forms are included as an aid in tracing such borrowings. In close neighbourhood to the Mabuso languages are the Austronesian languages: X4 Gedaged, X5 Bilbil and X9 Ham. Cultural words are marked with an asterisk, but they are not to be taken into account for studying genetic relationships between languages. For other studies such as sound correspondences and cultural studies, such words should prove to be very interesting. No marking or cognation is given since this would require extensive research in a number of cases. Despite that, it is hoped that the comparative wordlists will be useful for further research into New Guinea languages.

4. The selection of words is based on an elicitation list of some 300 meanings (see Z'graggen 1971b) which the author prepared for his own field work and area of interest. The number following each word refers to this wordlist. Some of the numbers are left out because terms they represent could not reliably be collected or because of considerable difficulties in eliciting the item. Special care was taken to establish the base form. No overt number marking is found in any of the languages. But most of the terms for body parts and kinship relations are obligatorily suffixed by a genitive pronoun. In order to establish the base form the possessor pronoun was changed in the substitution frame for all persons. It was observed that the third person singular form is frequently irregular and of itself does not always indicate the correct morpheme division. Most transitive verbs are obligatorily and immediately suffixed by a verbal object. The verbs *'give'*, *'talk to'*, *'see'*, *'hear'*, *'wash'*, *'bite'* and *'carry someone on shoulder'* were used to establish the verbal object, but in a number of cases other transitive verbs were also checked with. A frequent exception is the word *'to hear'* which also appears to be an exception in all the Austronesian languages of the north-east Coast of New Guinea. Verbs are also suffixed by tense, subject markers, etc. There was not sufficient time to establish all the morphemes suffixed to the verb root. In the process of elicitation, the third person singular was kept unchanged but the verb form was changed by varying tenses related to the past, present, future and also as to negation. This provided a substitution frame for an approximate morpheme division. The stem-final vowel remained in some cases uncertain or arbitrary. But a subsequent cross check with Inselmann's work in Garuh (Nobanob) and Wullenkord's in Amele confirmed this procedure in establishing the approximate verb root.

5. The words in the New Guinea comparative wordlist are grouped into semantic groups based on English. This arrangement is beneficial both

for the informant and the analyst. But it must be pointed out that such grouping is not always valid in a New Guinea language. For example, English adjectives such as 'heavy', 'full', 'ripe', etc. are frequently a verb in New Guinea languages.

6. The transcription is semi-phonemic; i.e. apparently non-contrastive phonetic details are omitted and fluctuating sounds were transcribed consistently only when discovered early enough. In addition the following observations were made:

- Voiced and voiceless stops were frequently found in fluctuation except in Kare. The same phenomenon is observed in a few cases in Wullenkord's and Inselmann's work and also in Dempwolff. But at the same time the work of the above-mentioned authors suggests that voiced and voiceless stops are in phonemic contrast.

- A labio-velar stop is present in all member languages except in Kare. The labio-velar stop was given variously as p, kw, ʔp. The present writer was not aware of this problem early enough to make the transcription uniform,

- The Munit language has a series of nasalised vowels.

- Word initial h in Mawan and Rempi is optional.

- The following sounds were found to be in fluctuation in the particular language indicated; the present data do, however, not permit one to determine the precise conditioning and governing factors of fluctuations.

#### Kare

s ~ ts ~ t  
z ~ ʒ ~ j ~ y ~ d  
r ~ l

#### Girawa

s ~ h  
z ~ y ~ ʒ  
w ~ b  
ʔ ~ k

#### Munit

d ~ dz  
l ~ r  
w ~ b ~ v

#### Bemal

s ~ j  
z ~ dʒ ~ ʒ  
l ~ r  
d ~ r

#### Sihan

d ~ r  
l ~ r  
h ~ f

#### Gumalu

l ~ r  
d ~ r

#### Isebe

y ~ z ~ ʒ  
l ~ r

#### Amele

s ~ z ~ ʒ ~ y  
y ~ z

#### Bau

l ~ r

#### Panim

y ~ z ~ ʒ

## Rapting

y ~ z ~ ž  
d ~ l ~ r  
s ~ h  
b ~ v ~ w

## Wamas

d ~ r  
j ~ z ~ dz ~ y ~ d

## Samosa

s ~ z ~ y  
h ~ s

## Murupi

s ~ h  
y ~ z ~ ž  
r ~ l  
d ~ z

## Saruga

s ~ h  
z ~ y  
y ~ d  
d ~ r  
l ~ r  
w ~ v ~ b

## Nake

y ~ z ~ ž

## Mosimo

s ~ h  
j ~ z ~ z ~ dz ~ y  
l ~ r  
b ~ v ~ w

## Garus

z ~ y  
r ~ d  
v ~ w

## Yoidik

z ~ ž ~ y  
l ~ r  
w ~ b  
f ~ h

## Rempi

y ~ z ~ ž  
d ~ r  
l ~ r  
v ~ w  
t ~ s  
h ~ optional

## Bagupi

y ~ ž ~ z  
l ~ r  
w ~ b  
f ~ p

## Silopi

l ~ r  
d ~ r  
w ~ v ~ b

## Utu

z ~ ž ~ s  
l ~ r  
v ~ p  
w ~ b ~ b  
-h optional

## Mawan

d ~ r  
v ~ w

## Baimak

l ~ r ~ d  
r ~ d

## Matepi

s ~ z  
h ~ optional

## Gal

w ~ b

## Garuh

s ~ t  
d ~ r  
p ~ f ~ p  
k ~ optional

## Kamba

d ~ z  
d ~ r  
l ~ r  
w ~ v ~ b

7. Kinship terms and terms for body parts are obligatorily suffixed by a genitive pronoun. The genitive pronouns are given on pp.7-12 and Appendix A, and also separately for each individual language in Appendix B. For illustrations see Z'graggen 1971a:129-132. Some common exceptions are observed (such as 'blood' and 'child') within this semantic

group in most of the languages. In the Kare language only part of the nouns belonging to the above-mentioned semantic group are obligatorily suffixed by a genitive pronoun. The genitive pronouns are directly suffixed to the noun root or via a ligative in some of the Mabusos languages. The ligatives are given in Appendix D.

Nouns belonging to the object class do not suffix the genitive pronoun to the noun root. Possession is expressed by a possessive marker which is an enclitic following the pronoun indicating the possessor. The possessive markers are given in Appendix C. The possessor pronoun followed by the possessive enclitic may precede or follow the noun indicating the possessor. Kamba and Garuh employ a possessive noun root to indicate possessive relationship, and the genitive pronoun is immediately suffixed to this root. The possessive noun root is for Garuh *hi-*, *ha-* and for Kamba *si-*, *sa-* (see Z'graggen 1971a:135). This form appears to be borrowed from the neighbouring Austronesian languages.

8. Transitive verbs are immediately suffixed by the verbal object pronoun (see pp.7-12 and Appendices A, B). The verb '*to hear*' is frequently an exception which is also the case in Austronesian languages of the north Coast of New Guinea. The negation marker is an enclitic preceding the verb, but in some cases a discontinuous element follows the verb (see Appendix C).

9. The location of the Mabusos languages and their neighbouring languages and language groups is given on the map of the languages of the Madang District (p.183-4). The Mabusos languages are marked with letter C.

## ABBREVIATIONS

C	consonant
dl	dual
f	female
intr	intransitive
m	male
Nb	noun base
Numb	number
O	object class
P	body part class
pl	plural
PM	possessive marker
PO	Proto-Oceanic
R	terms of relative class
sg	singular
tr	transitive
v	verb
V	vowel
Vb	verb base
-	morpheme division
( )	element doubtful or optional
1	first person singular
2	second person singular
3	third person singular
4	first person plural
5	second person plural
6	third person plural
7	first person dual
8	second person dual
9	third person dual

# ALPHABETICAL LIST OF VOCABULARY ITEMS

	<i>Page</i>		<i>Page</i>
<i>afraid</i>	157	<i>boil</i>	141
<i>afternoon</i>	111	<i>bone</i>	33
<i>afterwards</i>	114	<i>bow</i>	85
<i>alang-alang grass</i>	54	<i>boy</i>	3
<i>all</i>	13	<i>brains</i>	14
<i>always</i>	120	<i>break</i>	137
<i>arm</i>	22	<i>breast (woman)</i>	29
<i>armpit</i>	23	<i>burn (tr)</i>	142
<i>arrow</i>	81f	<i>bury</i>	140
<i>ashes</i>	69	<i>butterfly</i>	51
<i>axe</i>	84	<i>buttocks</i>	21
<i>back</i>	21	<i>buy</i>	143
<i>bad</i>	93	<i>calf (of leg)</i>	27
<i>bamboo</i>	66	<i>call out</i>	154
<i>banana</i>	52	<i>cane</i>	65
<i>basket</i>	88	<i>carry</i>	135
<i>bathe (itr)</i>	133	<i>cassowary</i>	38
<i>be</i>	121	<i>chest</i>	29
<i>bean</i>	66	<i>chicken (wild)</i>	40
<i>before</i>	114	<i>chicken (tame)</i>	40
<i>belly</i>	28	<i>child</i>	2
<i>betelnut</i>	52	<i>chin</i>	19
<i>betel pepper vine</i>	53	<i>chop (with axe)</i>	139
<i>big</i>	94	<i>cloud</i>	75
<i>bird</i>	38	<i>coconut (tree)</i>	59
<i>bite (tr)</i>	134	<i>coconut (ripe)</i>	60
<i>black</i>	95	<i>coconut (green)</i>	60
<i>blood</i>	30	<i>cold</i>	99
<i>blow on (fire)</i>	136	<i>comb</i>	86



	<i>Page</i>		<i>Page</i>
<i>come</i>	124	<i>fly (v)</i>	128
<i>cooked</i>	158	<i>flying fox</i>	47
<i>cough</i>	122	<i>fog</i>	76
<i>crayfish</i>	44	<i>frog</i>	48
<i>crocodile</i>	47	<i>fruit</i>	61
<i>crooked</i>	104	<i>full</i>	98
<i>cry</i>	154	<i>garden</i>	70
<i>cut (with knife)</i>	138	<i>girl</i>	3
<i>dance</i>	155	<i>give</i>	130
<i>day after tomorrow</i>	113	<i>go</i>	125
<i>day after yesterday</i>	113	<i>go down</i>	126
<i>day break</i>	110	<i>go up</i>	126
<i>die</i>	124	<i>good</i>	93
<i>dig</i>	136	<i>grass skirt</i>	86
<i>dirty</i>	95	<i>green</i>	97
<i>dog</i>	41	<i>ground</i>	71
<i>dream</i>	156	<i>G-string</i>	87
<i>dry</i>	105	<i>hair</i>	13
<i>ear</i>	15	<i>hand drum</i>	89
<i>eat</i>	143	<i>he</i>	9
<i>egg</i>	41	<i>head</i>	14
<i>elbow</i>	22	<i>hear</i>	134
<i>empty</i>	98	<i>heart</i>	30
<i>excrement</i>	35	<i>heavy</i>	100
<i>eye</i>	16	<i>here</i>	116
<i>face (forehead)</i>	15	<i>hold</i>	148
<i>fall (tree)</i>	127	<i>hot</i>	99
<i>far</i>	117	<i>house</i>	71
<i>fasten</i>	152	<i>how many</i>	109
<i>fat</i>	46	<i>hungry</i>	106
<i>father</i>	4	<i>I</i>	7
<i>fell (a tree)</i>	139	<i>inside</i>	120
<i>female (animal)</i>	42	<i>jump</i>	128
<i>fence</i>	70	<i>kill</i>	144
<i>few</i>	102	<i>knee</i>	27
<i>fight (hit)</i>	144	<i>knife</i>	91
<i>fill up (water)</i>	142	<i>laugh</i>	153
<i>fingernail</i>	25	<i>left (arm)</i>	24
<i>fire</i>	68	<i>leg</i>	26
<i>fish</i>	44	<i>leg (upper)</i>	26
<i>fly (n)</i>	43	<i>light (of fire)</i>	68

	<i>Page</i>		<i>Page</i>
<i>lightning</i>	159	<i>pour out (liquid)</i>	146
<i>lime</i>	53	<i>pull</i>	149
<i>liver</i>	32	<i>push</i>	149
<i>loin-cloth</i>	87	<i>put</i>	150
<i>long</i>	101	<i>quickly</i>	118
<i>look for</i>	146	<i>rain</i>	80
<i>louse</i>	43	<i>rat</i>	48
<i>lung</i>	32	<i>red</i>	96
<i>make</i>	147	<i>right (arm)</i>	24
<i>male (animal)</i>	42	<i>ripe</i>	106
<i>man</i>	1	<i>roast</i>	141
<i>many</i>	102	<i>root</i>	64
<i>meat</i>	46	<i>rope (of bow)</i>	85
<i>moon</i>	72	<i>run</i>	127
<i>morning</i>	110	<i>sago</i>	58
<i>mosquito</i>	45	<i>saliva</i>	18
<i>mother</i>	4	<i>salt</i>	76
<i>mouth</i>	16	<i>sand</i>	74
<i>mountain</i>	72	<i>sap</i>	62
<i>name</i>	37	<i>saucepan (clay pot)</i>	90
<i>nape</i>	19	<i>scratch (skin)</i>	150
<i>navel</i>	30	<i>sea</i>	73
<i>near</i>	117	<i>see</i>	132
<i>neck</i>	20	<i>shadow</i>	37
<i>netbag</i>	91	<i>sharp</i>	100
<i>new</i>	103	<i>sharpen</i>	148
<i>night</i>	111	<i>shoot</i>	145
<i>no</i>	119	<i>shore</i>	74
<i>nose</i>	17	<i>short</i>	101
<i>now</i>	115	<i>shoulder</i>	23
<i>old (of humans)</i>	2	<i>shrub</i>	67
<i>old (of objects)</i>	103	<i>sibling</i>	5f
<i>one</i>	92	<i>sick</i>	157
<i>pandanus</i>	54	<i>signal drum</i>	89
<i>path</i>	73	<i>singsing</i>	155
<i>penis</i>	36	<i>sit down</i>	122
<i>piece of wood</i>	64	<i>skin</i>	33
<i>pig</i>	45	<i>sky</i>	75
<i>plant (v)</i>	140	<i>sleep</i>	121
<i>possum</i>	50	<i>slowly</i>	118
<i>potato</i>	55	<i>small</i>	94

	<i>Page</i>		<i>Page</i>
<i>smell</i> (tr)	151	<i>tobacco</i>	58
<i>smoke</i>	69	<i>tomorrow</i>	112
<i>snake</i>	49	<i>tongue</i>	17
<i>sore</i>	34	<i>tooth</i>	18
<i>spear</i>	83	<i>top</i> (of tree)	63
<i>split</i>	137	<i>tree</i>	61
<i>stand</i>	123	<i>trunk</i> (of tree)	63
<i>stand up</i>	123	<i>turn</i> (oneself)	156
<i>star</i>	77	<i>two</i>	92
<i>stick</i>	65	<i>urine</i>	35
<i>stomach</i> (guts)	28	<i>vein</i>	31
<i>stone</i>	77	<i>village</i>	78
<i>straight</i>	104	<i>vine</i>	67
<i>stump</i> (of tree)	62	<i>vomit</i>	129
<i>sugar cane</i>	55	<i>vulva</i>	36
<i>sun</i>	78	<i>walk</i>	125
<i>swallow</i>	151	<i>wallaby</i>	49
<i>sweat</i>	34	<i>wash</i> (tr)	133
<i>swell up</i>	129	<i>watch</i>	132
<i>tail</i> (of bird)	39	<i>water</i>	80
<i>tail</i> (of dog)	39	<i>we</i>	10
<i>take</i>	153	<i>wet</i>	105
<i>talk</i> (itr)	131	<i>what</i>	108
<i>talk</i> (tr)	131	<i>where</i>	109
<i>taro</i>	56	<i>white</i>	96
<i>taro-singapore</i>	56	<i>who</i>	108
<i>tear</i>	138	<i>wind</i>	79
<i>that</i>	107	<i>wing</i>	51
<i>there</i>	116	<i>woman</i>	1
<i>they</i>	12	<i>wooden plate</i>	90
<i>think</i>	158	<i>woods</i>	79
<i>this</i>	107	<i>work</i> (v)	147
<i>thou</i>	8	<i>yam</i>	57
<i>throat</i>	20	<i>yam</i> ( <i>discorea exulenta</i> )	57
<i>throw</i> (stone)	145	<i>ye</i>	11
<i>thumb</i>	25	<i>yellow</i>	97
<i>thundering</i>	159	<i>yes</i>	119
<i>tie</i>	152	<i>yesterday</i>	112



## COMPARATIVE WORD LIST

<i>man</i> 1		<i>woman</i> 2
C 1	Kare dau	C 1 eŋemu
C 2	Girawa do	C 2 asir
C 3	Munit dā	C 3 ālāu
C 4	Bemal du:	C 4 diř
C 5	Sihan dana	C 5 ara
C 6	Gumalu dana	C 6 ařau
C 7	Isebe dAna	C 7 aid
C 8	Amele dana	C 8 aza
C 9	Bau dana	C 9 ait
C10	Panim dana	C10 ait
C11	Rapting dar	C11 ah
C12	Wamas dana	C12 ahe
C13	Samosa dana	C13 a:zi
C14	Murupi danA	C14 ahe
C15	Saruga dAna	C15 meha
C16	Nake dan	C16 mimino
C17	Mosimo dAna	C17 a:he
C18	Garus dal	C18 aih
C19	Yoidik dai	C19 yes
C20	Rempi dai	C20 ais
C21	Bagupi denah	C21 mimino
C22	Silopi danA	C22 meha
C23	Utu dana	C23 meha
C24	Mawan sina	C24 memina
C25	Baimak sin	C25 ait
C26	Matepi dAna	C26 memina
C27	Gal sin	C27 alř
C28	Garuh danap	C28 aih, ase
C29	Kamba danAf	C29 as
PO:	tau, tamole, mata taŋmata	PO: pine, papine, tapine

*old (of humans)* 3

C 1 Kare        sʌŋgʌba, sʌgura

C 2 Girawa     oʎʌm

C 3 Munit      dāmeu

C 4 Bemal      uřɛuk

C 5 Sihan       baʔi

C 6 Gumalu     mehuř

C 7 Isebe       keinma

C 8 Amele       toye

C 9 Bau          toya

C10 Panim      keinma

C11 Raptiŋg     saguʔ

C12 Wamas      sagu

C13 Samosa      sagogu

C14 Murupi      sagu

C15 Saruga      a:gu

C16 Nake        ʌ:gu

C17 Mosimo      sagu

C18 Garus       saguʔ

C19 Yoidik       saguʔ

C20 Remp1       avei

C21 Bagup1      ʌ:gu

C22 Silopi       mehur

C23 Utu          mehur

C24 Mawan       mehur

C25 Baimak      mehur

C26 Matepi      mehur

C27 Gal          sigam

C28 Garuh       kinu

C29 Kamba       keima

*child* 6

C 1 nikola, nokora

C 2 moʔoi

C 3 nã:

C 4 mogɔy, nanag

C 5 me:r

C 6 meɪ

C 7 meɪ

C 8 meɪ

C 9 meɾ

C10 meɪ

C11 nawu

C12 na

C13 na

C14 na

C15 na

C16 naʔpara

C17 na

C18 nahʌɪ

C19 nahʌɪ

C20 na

C21 napɛra

C22 na

C23 na

C24 nain

C25 na

C26 na

C27 seɾɛ

C28 nɪ:t, na-

C29 nir, na-

---

 PO: natu

boy 9<sup>4</sup>

C 1	Kare	nukomba
C 2	Girawa	sirin
C 3	Munit	nā galab
C 4	Bemal	mogoy
C 5	Sihan	mer haun
C 6	Gumalu	mer haun, mer ohi
C 7	Isebe	fana manafal
C 8	Amele	mel os
C 9	Bau	mer haun
C10	Panim	mel faun

C11	Rapting	nawu perap
C12	Wamas	na kuma
C13	Samosa	na asa:vo
C14	Murupi	dan pahavu
C15	Saruga	na pahahuha
C16	Nake	na?para ho
C17	Mosimo	na kuma
C18	Garus	del nabuk
C19	Yoidik	nahal pusa?
C20	Rempi	na ayok
C21	Bagupi	napera me:
C22	Silopi	danan kair
C23	Utu	danan porup
C24	Mawan	sina gair
C25	Baimak	na haun
C26	Matepi	dana ngail
C27	Gal	sere fau
C28	Garuh	ni:t
C29	Kamba	gelr

PO: ηmed(ao)

girl 10<sup>4</sup>

C 1	unaina
C 2	ma?un
C 3	ālā māngun
C 4	ainak
C 5	arΛ haun
C 6	arau haun, arau ohi
C 7	aid asin
C 8	
C 9	ait haun
C10	asin faun

C11	aih perap
C12	nahe
C13	na a:zi
C14	asi pahavu
C15	meha naina
C16	mimino magun, -- nain
C17	na a:he
C18	magun, nalei
C19	yes magun, yes pusa?
C20	nals
C21	mimino nain
C22	meha magun
C23	meha magun
C24	mamina nain magun
C25	ait haun
C26	mamina ngail
C27	air fau
C28	nit aih, -- ahin
C29	magun

*father* 11<sup>5</sup>

C 1	Kare	maɪ-, momo-
C 2	Girawa	mon-, momo-
C 3	Munit	babay, mɛmɛ-
C 4	Bemal	mɛkay, mɛmɛ-
C 5	Sihan	baɪa, mɛmɛ-
C 6	Gumalu	mɛmɛ-
C 7	Isebe	mɛmɛ-
C 8	Amele	mei, mɛmɛ-,
C 9	Bau	mɛmɛ-
C10	Panim	mɛmɛ-
C11	Rapting	mamɛ-
C12	Wamas	mama-
C13	Samosa	mamɛ-
C14	Murupi	mama-
C15	Saruga	manu-, aita
C16	Nake	mama-
C17	Mosimo	mama-
C18	Garus	mamɛ-, mɛm
C19	Yoidik	mama-
C20	Rempi	mam-
C21	Bagupi	mɛmɛ(nɛ)-, aita
C22	Silopi	taita, mɛnu-
C23	Utu	aya, mɛmu-
C24	Mawan	mɛmu-, ba
C25	Baimak	mɛmu-
C26	Matepi	mɛmu-, aita
C27	Gal	mɛmu-
C28	Garuh	mam, mamɛ-
C29	Kamba	mɛm, m mɛ-

---

 PO:           tama
*mother* 12<sup>5</sup>

C 1	na-, ana, nan-
C 2	ani-
C 3	aw, ani-
C 4	anikay, ana-
C 5	aw, a:ni-
C 6	au, ani-
C 7	au, ani-
C 8	au, ani-
C 9	au, ani-
C10	au, ani-
C11	ana-
C12	ana-
C13	ana-
C14	ana-
C15	anu-
C16	ana-
C17	ana-
C18	ane-
C19	nen, ana-
C20	an-
C21	a:n, enɛ-
C22	awekɛ, enu-
C23	awa, nu-
C24	awa, ani-
C25	aw, ana-
C26	an, enu-
C27	ani-
C28	nen, ana-
C29	ani-

---

 PO:   tina



*sibling same sex, older* 13

C 1	Kare	wani, wa-
C 2	Girawa	aba-
C 3	Munit	apa-
C 4	Bemal	apa-
C 5	Sihan	afa-
C 6	Gumalu	apa-
C 7	Isebe	oti- matu
C 8	Amele	oti- matu
C 9	Bau	apa, oti- matu
C10	Panin	apa, oti- matu
C11	Rapting	aba-
C12	Wamas	aba-, aun-
C13	Samosa	ava, auna-
C14	Murupi	aba, auna-
C15	Saruga	awa, aun-
C16	Nake	ava-
C17	Mosimo	awa- aun-
C18	Garus	bab, hahe-
C19	Yoidik	aha-
C20	Rempi	baaba, zaha-
C21	Bagupi	aba:ni, ou-, on-
C22	Silopi	on-, ow-
C23	Utu	ou-, oinaaka
C24	Mawan	apa-
C25	Baimak	apay, reipa-
C26	Matepi	le- matuma
C27	Gal	le(i)- matu
C28	Garush	awa-, aha-
C29	Kamba	awa-

---

 PO: tuqaka, tuga, kaka
*sibling same sex, younger* 14

C 1	kamla-, kama-
C 2	amu-
C 3	mage-
C 4	magi, ama-
C 5	make-
C 6	mage-
C 7	oti- na?ag
C 8	oti- na?ak
C 9	oti- na?ak
C10	apa- na?ag, oti-
C11	ama-
C12	kamun-
C13	komune-
C14	amu(na)-
C15	ama(na)-
C16	ama-
C17	kamuni, kuma-
C18	amo-
C19	ama-
C20	mama, ama-
C21	amalni, omo-
C22	omu-
C23	omu-
C24	magu-
C25	apai, reipa- nak
C26	le- nag
C27	le(i)- nana
C28	ama-
C29	kamla-

---

 PO: ta(η)si

*sibling different sex,  
older 15*

C 1	Kare	Λ:ba-
C 2	Girawa	apl-
C 3	Munit	εbia-
C 4	Bemal	Λbi(a)-, ainΛk
C 5	Sihan	εbi(na)-
C 6	Gumalu	εpi(na)-
C 7	Isebe	εbi(na)- matu
C 8	Amele	εpina- mΛtu
C 9	Bau	εpina- matu
C10	Panım	εbina- matu
C11	Raptıng	awina-
C12	Wamas	kabin-
C13	Samosa	sina-, pΛva
C14	Murupi	awina- εmε
C15	Saruga	sotu- εmε
C16	Nake	avina- εmε
C17	Mosımo	kawinl-
C18	Garus	hasi-
C19	Yoidik	iası- busak
C20	Rempi	Λ:sl-
C21	Bagupi	sotu-
C22	Silopi	totu-
C23	Utu	totu-, apa-
C24	Mawan	Λ:wi(na)- mε
C25	Baimak	orapa-
C26	Matepi	dotu- matuma
C27	Gal	awi- inΛn
C28	Garuh	abina-
C29	Kamba	apa-

---

PO: ηmane

*sibling different sex,  
younger 16*

C 1	mango-
C 2	apl- etei
C 3	εbia- isika
C 4	Λbia- inΛm
C 5	εbi(na)- nΛ?Λk
C 6	εpi(na)- na?Λg
C 7	εbi(na)- na?Λg
C 8	εpina- na?ak
C 9	εpi(na)- na?Λk
C10	εbina- na?ag
C11	awina- nΛgare
C12	kabin- inahita
C13	mΛ:ga-
C14	awina- suwata
C15	sotu- uhu
C16	avina subo, -- uhnΛ:g
C17	kawini- naheta
C18	hΛsi- nakΛla
C19	iası- nalΛ?
C20	maga-
C21	
C22	tatu- nΛ:nΛg
C23	mΛgu-
C24	Λ:wi(na)- nΛg
C25	εpl- nΛ:g
C26	dotu- nΛg
C27	awi- nΛna
C28	abina- makeg
C29	kεwina-

---

PO: ηmane

I 24

	Free	Genitive	Verbal Object
C 1 Kare	su	-ya, -i	-il-
C 2 Girawa	ita	-y, -r, -l, -Ø	-ir-
C 3 Munit	isa	-i, -Ø	-it-
C 4 Bernal	is	-l, -y, -Ø	-ile-
C 5 Sihan	isa	-l, -(i)a, -i	-itε-
C 6 Gumalu	isa	-i, -Ø	-itε-
C 7 Isebe	isε	-i, -Ø	-isi-
C 8 Amele	isa	-i	-iti-
C 9 Bau	isa	-i	-it-
C10 Panim	isε	-i, -Ø	-(i)t-
C11 Rapping	da	-i, -a, -ε	-r-
C12 Wamas	sa	-i, -a, -ε	-r-
C13 Samosa	sAε	-i, -ε, -Ø	-(zA)ru-
C14 Murupi	sa	-ya, -a, -Ø	-al-
C15 Saruga	saga	-ia, -i, -na	-aru-
C16 Nake	sAg	-i, -in	-ili-
C17 Mosimo	sA	-i, -Ø	-l-
C18 Garus	dε	-i, -Ø	-εl-
C19 Yoidik	dA?	-y	-l-
C20 Rempī	dA	-Ø	-(i)l-
C21 Bagupi	sεg	-y, -n, -Ø	-l-
C22 Silopi	sεg	-i	-(r)εr-
C23 Utu	sεk	-i, -Ø	-zεr-
C24 Mawan	hak	-i	-Vl-
C25 Baimak	sak	-i, -Ø	-r-
C26 Matepi	sεg	-Vl	-il-
C27 Gal	sa	-i, -l	-r-
C28 Garuh	dā	-l, -Ø	-lr-
C29 Kamba	da	-l	-il-
PO:	au		

thou 25

	Free	Genitive	Verb Object
C 1 Kare	nu	-na, -nga	-as-
C 2 Girawa	nΛ	-n, -t	-is-
C 3 Munit	na	-n, -Ø	-is-
C 4 Bemal	na	-l, -(a)n, -t, -Ø	-ize-
C 5 Sihan	ina	-na, -a	-isε-
C 6 Gumalu	ina	-Vn	-isε-
C 7 Isebe	inε	-Vn	-isi-
C 8 Amele	ina	-n, -Ø	-ihi-
C 9 Bau	ina	-(i)n, -Ø	-is-
C10 Panim	inε	-(i)a, -Ø	-is-
C11 Raptiŋg	nag	-n, -na, -tε	-εh-, -ah-
C12 Wamas	nage	-n, -na, -tε	-εh-, -ah-
C13 Samosa	nΛge	-n, -tε	-su-
C14 Murup1	naga	-na, -ta	-s-
C15 Saruga	nΛga	-n(a), -t(a)	-hu-, -hε-, -zε-
C16 Nake	nΛg	-n, -un	-isi-
C17 Mosimo	nΛg	-tε, -nε	-(u)h-
C18 Garus	nεg	-n, -Ø	-ir-
C19 Yoidik	nΛg	-n	-di-
C20 Remp1	nΛk	-n	-id-
C21 Bagup1	nεg	-un	-s-
C22 Silop1	nεg	-un	-s-
C23 Utu	nεk	-(u)n	-εs-
C24 Mawan	nak	-(a)n	-Vh-
C25 Baimak	nak	-(u)n, -Ø	-s-
C26 Matep1	nεg	-Vn	-ih-
C27 Gal	na	-Vn, -m, -p, -t, -Ø	-s-
C28 Garuh	na	-n, -Ø	-id-
C29 Kamba	na	-n, -t, -m, -p	-ir-

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PO: i-ko

he 26

		Free	Genitive	Verbal Object
C 1	Kare	nonga, ei	-unga, -ba, -a, -Ø	-d-, -Ø-
C 2	Girawa	ε?i, o	-w, -k, -?	-r-, -Ø-
C 3	Munit	ug	-Ø, -g, -?, -u	-(V)d-, -Ø-
C 4	Bemal	gue	-(a)g, -b, -Ø	-r-, -Ø-
C 5	Sihan	u?pa	?, -ba, -ku, -Ø	-ute, -urε-, -Ø-
C 6	Gumalu	u?pa	-(V)g, -w	-ute-, -Ø-
C 7	Isebe	u?pa	-ag, -u, -f, -Ø	-(V)di-, -Ø-
C 8	Amele	u?pa	-ik, -ak	-uti-
C 9	Bau	u?pa	-f, -n, -(V)k, -u, -Ø	-ut-, -Ø-
C10	Parim	u?pa	-(V)g, -u, -f, -Ø	-ud-
C11	Rapting	nugo	-Vg, -u, -Ø	-d-, -Ø-
C12	Wamas	nugo	-Vg, -Ø, -u	-d-, -Ø-
C13	Samosa	nugo	-ogu, -g, -Ø	-ru-, -w-, -Ø-
C14	Murupi	nuga	-(u)gu, -Ø	-r-, -Ø-
C15	Saruga	nuga	-ag, -gu, -Ø	-ru, -Ø-
C16	Nake	nug	-ag, -y, -Ø	-rε-, -Ø-
C17	Mosimo	nugo	-Ø, -ugu, -ε	-(u)r-, -Ø-
C18	Garus	nug	-Vk, -V?, -Ø	-ur-, -Ø-
C19	Yoidik	go, wom	-k, -?	-d-, -Ø-
C20	Rempi	nuk	-(V)k, -l, -Ø	-d-, -Ø-
C21	Bagupi	nug	-Vg, -Ø	-r-, -Ø-
C22	Silopi	nug	-ga, -u, -Ø	-r-, -Ø-
C23	Utu	nuk	-k, -ag, -n, -Ø	-r-, -Ø-
C24	Mawan	nuk	-ag	-(u)r-, -Ø-
C25	Baimak	nuk	-Vk, -f, -Ø	-d-, -Ø-
C26	Matepi	nug	-(u)g, -Ø	-r-, -Ø-
C27	Gal	nug	-Vg, -Ø	-r-, -Ø-
C28	Garuh	nug	-uk, -u, -p, -Ø	-id-, -Ø-
C29	Kamba	nug	-(V)g, -f, -Ø	-ur-, -Ø-

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 PO: ia

we 27

		Free	Genitive	Verbal Object
C 1	Kare	sa, za, ya	-inda	-ind-
C 2	Girawa	iʔε	-oʔ	-oʔ-
C 3	Munit	i-gε	-k, -igi	-ig-
C 4	Bemal	ig	-ig	-igε-
C 5	Sihan	i-kε	-ike	-ike-
C 6	Gumalu	i-gε	-ikei	-igi-
C 7	Isebe	i-gε	-igi	-igi-
C 8	Amele	ε-kε	-ike	-iki-
C 9	Bau	i-kε	-ike	-ik-
C10	Panim	i-gε	-igi	-ig-
C11	Raptiŋ	zogo	-ig	-ig-
C12	Wamas	zogo	-ig	-ig-
C13	Samosa	zogo	-igu	-(zΛ)gu-
C14	Murupi	iga	-inugu	-ag-
C15	Saruga	iga	-iΛg	-agu-
C16	Nake	ig	-iΛg	-igi-
C17	Mosimo	zogo	-ige	-yεg-
C18	Garus	i-g	-k	-εg-
C19	Yoidik	yit	-t	-t-
C20	Rempi	it	-t	-it-
C21	Bagupi	i-g	-(g)iag	-g-
C22	Silopi	ig	-ieg	-(r)εg-
C23	Utu	ik	-izek	-zεg-
C24	Mawan	i-k	-(i)εg, -rεg	-(r)εg-, -ig-
C25	Baimak	ik	-(i)εk	-k-, -∅-
C26	Matepi	ig	-Vieg	-ig-
C27	Gal	ig	-ileg	-g-
C28	Garuh	ig	-nig	-ig-
C29	Kamba	ig	-nig	-ig-

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PO:           kinta (incl)  
               kami (excl)

ye 28

	Free	Genitive	Verbal Object
C 1 Kare	wu	-a(i), -ungu	-rond-
C 2 Girawa	ʌʔʌ	-a(ka)	-bʌr-
C 3 Munit	a-gɛ	-a(ʔ)	-ad-
C 4 Bemal	ʌg	-ag	-arɛ-
C 5 Sihan	ʌ-kɛ	-(i)ʌʔ	-atɛ-
C 6 Gumalu	a-gɛ	-(r)a	-atɛ-
C 7 Isebe	ʌ-gɛ	-ʌg	-adi-
C 8 Amele	a-kɛ	-aka	-atɛ-
C 9 Bau	a-kɛ	-a(ka)	-at-
C10 Panim	ʌ-gɛ	-ag(a)	-ade-
C11 Raptiŋ	agɛ	-gar	-ad-
C12 Wamas	ʌgɛ	-gar	-ad-
C13 Samosa	ʌgɛ	-na(na), -naga	-ʌru-
C14 Murupi	aga	-iaga	-(y)ar-
C15 Saruga	ʌga	-(l)gʌri	-(ra)ra-
C16 Nake	ʌg	-gɛri	-(ir)iri-
C17 Mosimo	ʌgɛ	-na(na)	-ar-
C18 Garus	ɛ-g	-yak	-(a)yad-
C19 Yoidik	ʌg	-yak	-yad-
C20 Rempɪ	hʌk	-gɛt	-yad-
C21 Bagupi	ɛ-g	-gVri	-rVr-
C22 Silopi	ɛg	-nagar	-(r)ar-
C23 Utu	ɛk	-nagar	-(ɛr)ar-
C24 Mawan	a-k	-arɪ, -nʌg	-(u)nʌr-
C25 Baimak	ak	-agʌt, -nak	-vatu-
C26 Matepi	ɛg	-(u)naga(r)	-(r)ar-
C27 Gal	ʌg	-Vɪ, -gar	-nd-
C28 Garuh	ʌg	-lag	-(y)ad-
C29 Kamba	ag	-lag	-(l)ar-

---

 PO: kamu

they 12

	Free	Genitive	Verbal Object
C 1 Kare	(z)anga	-a(i), -unggu	-rond-
C 2 Girawa	ε?i	-a(ka)	-bɛr-
C 3 Munit	u-ge	-a(?)	-ad-
C 4 Bemal	go	-ag	-arε-
C 5 Sihan	u?pa-ke	-(i)ʌ?	-atε-
C 6 Gumalu	u?pa-ge	-(r)a	-atε-
C 7 Isebe	hoa-ge	-ʌg	-adi-
C 8 Amele	owa-ke	-aka	-atε-
C 9 Bau	hoa-ke	-a(ka)	-at-
C10 Panim	hoʌ-ge	-ag(a)	-ade-
C11 Raptng	zou naga	-gar	-ad-
C12 Wamas	zou naga	-gar	-ad-
C13 Samosa	guru?e (?)	-na(na), -naga	-ʌru-
C14 Murupi	inʌri	-iaga	-(y)ar-
C15 Saruga	ʌga	-(i)gʌri	-(ra)ra
C16 Nake	ʌ:geɛ	-geri	-(ir)iri-
C17 Mosimo	zouna	-na(na)	-ar-
C18 Garus	ine-g, god	-yak	-(a)yad-
C19 Yoidik	won, god	-yak	-yad-
C20 Remp1	god	-get	-yad-
C21 Bagupi	egɛhun	-gVri	-rVr-
C22 Silopi	esa	-nagar	-(r)ar-
C23 Utu	esa	-nagar	-(εr)ar-
C24 Mawan	esa	-ari, -nʌg	-(u)nʌr-
C25 Balmak	ʌkuhun	-agʌt, -nak	-vatu-
C26 Matepi	esa	-(u)naga(r)	-(r)ar-
C27 Gal	inag, beag	-Vl, -gar	-nd-
C28 Garuh	ohip	-lag	-(y)ad-
C29 Kamba	uni, pe	-lag	-(l)ar-

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 PO:           ida



<i>all</i>		
C 1	Kare	endogoi
C 2	Girawa	ubag (belek)
C 3	Munit	
C 4	Bemal	
C 5	Sihan	unu
C 6	Gumalu	unum
C 7	Isebe	unum
C 8	Amele	unu?
C 9	Bau	uni'a
C10	Panlm	unum

C11	Rapting	agen
C12	Wamas	abubunita
C13	Samosa	gageni
C14	Murup1	sahama, ageni
C15	Saruga	ageni
C16	Nake	agen
C17	Mosimo	bubuni
C18	Garus	bubute
C19	Yoidik	bubuta
C20	Rempi	
C21	Bagup1	agen
C22	Silop1	
C23	Utu	ite
C24	Mawan	uunma
C25	Baimak	unun
C26	Matep1	egire
C27	Gal	onuma
C28	Garuh	
C29	Kamba	kunu

---

PO: (n)soko

<i>hair</i> <sup>6</sup> 88	
C 1	ya:ra
C 2	uri?
C 3	urigu
C 4	ulig
C 5	paki, kosi
C 6	paki
C 7	bagi, momohinig
C 8	kosi?, pagi?
C 9	paki
C10	bagi

C11	wilik, uruk
C12	bili
C13	viri
C14	vili
C15	uru
C16	urug
C17	viri
C18	vilik
C19	ulik
C20	uluk
C21	uruk
C22	urug
C23	urug
C24	ulig
C25	pagif, gosi
C26	urug, tevi
C27	ali, urug
C28	uruk
C29	tawag, urig

---

PO: pulu (*body hair, feather*)  
qulu (*head hair*)

*head* 33

C 1	Kare	kowo-, kenda:ga, benda
C 2	Girawa	tapa-
C 3	Munit	taba-
C 4	Bemal	gagali-
C 5	Sihan	irara-
C 6	Gumalu	kati-, irou-
C 7	Isebe	gati-
C 8	Amele	ilo-
C 9	Bau	kati-, hirou-
C10	Panim	gati-, ilo-
C11	Rapting	igi-, garibu
C12	Wamas	tavi- karu
C13	Samosa	ote- kara
C14	Murupi	utu- wahe
C15	Saruga	mugupa-
C16	Nake	mugupa-, igi-
C17	Mosimo	tavi-, kare
C18	Garus	tave-, manmana-
C19	Yoidik	gaba-
C20	Remp1	manmana-
C21	Bagupi	mugupa-
C22	Silopi	tawu-, iro-
C23	Utu	tevu-
C24	Mawan	tawu-, iro-
C25	Baimak	ilo-
C26	Matepi	mogupe-, tevu-
C27	Gal	muge-
C28	Garuh	igi-
C29	Kamba	kuri-

---

 PO: qulu
*brains* 35

C 1	irogu
C 2	durio
C 3	ñuhñhu, zunug
C 4	dubi-
C 5	nohu-
C 6	mukifu
C 7	ilofu-
C 8	ilohu-
C 9	iloufu-
C10	ilofu-
C11	muki-
C12	kimu
C13	komo
C14	mugupi
C15	ilu:
C16	muki-
C17	ki:mu
C18	ula?
C19	tabela-
C20	mugiu-
C21	yeluma
C22	mugi
C23	mogop n
C24	mugia
C25	mukifu
C26	lu
C27	luw
C28	muki-
C29	mugi-

---

 PO: (?) quto(k)

*face (forehead)* 37

C 1	Kare	oroba-
C 2	Girawa	oyo-
C 3	Munit	oro-
C 4	Bemal	ahi-
C 5	Sihan	ora-
C 6	Gumalu	ora-
C 7	Isebe	amasa-
C 8	Amele	ola-
C 9	Bau	ora-, i-
C10	Panim	ilo- wa
C11	Rapting	ura-
C12	Wamas	ura-
C13	Samosa	ora- fasa
C14	Murupi	ura-
C15	Saruga	ura-
C16	Nake	ora-
C17	Mosimo	ora- fahu
C18	Garus	ule- mit <sup>h</sup>
C19	Yoidik	ula-
C20	Rempi	ula-
C21	Bagupi	ura-
C22	Silopi	ure-
C23	Utu	ure-
C24	Mawan	ura-
C25	Baimak	ura(r)-
C26	Matepi	ure-
C27	Gal	uru-
C28	Garuh	ora-
C29	Kamba	ura-

---

 PO:               nako(n), mata
*ear* 38

C 1	domb-
C 2	danu-
C 3	dahi-
C 4	dahu-
C 5	dai-
C 6	tahi-
C 7	dahi-
C 8	dahi-
C 9	tahi-
C10	dahi-
C11	dewu-
C12	dav-
C13	dave-
C14	daw- aha
C15	dah-
C16	dahu-
C17	davi- zuga
C18	divu-
C19	debu-
C20	dewu- sa
C21	dahu-
C22	dahu-
C23	dau-
C24	dahu-
C25	tafu-
C26	dahu-
C27	dahu-
C28	dau-
C29	dau-

---

 PO:   dalipa

*eye* 39

C 1	Kare	omo-
C 2	Girawa	am
C 3	Munit	ame-
C 4	Bemal	ame-
C 5	Sihan	ame-
C 6	Gumalu	ame-
C 7	Isebe	ame-
C 8	Amele	ame-
C 9	Bau	am
C10	Parim	ama-
C11	Rapting	ame-
C12	Wamas	ami-
C13	Samosa	ame-
C14	Murupi	ama-
C15	Saruga	amu-
C16	Nake	amu-
C17	Mosimo	ami
C18	Garus	ame-
C19	Yoidik	ama-
C20	Rempi	ama-
C21	Bagupi	amu-
C22	Silopi	amu-
C23	Utu	amu-
C24	Mawan	amu-
C25	Baimak	amu-
C26	Matepi	amu-
C27	Gal	amu-
C28	Garuh	ame-
C29	Kamba	ame-

---

 PO: mata
*mouth* 41

C 1	kase-
C 2	o-
C 3	egerε-
C 4	o-
C 5	o-
C 6	o-
C 7	o-
C 8	o-
C 9	o-
C10	o-
C11	oa-
C12	kauru-
C13	kaur-
C14	asi-
C15	asi-
C16	uri-, uwa-
C17	karu-
C18	oho-
C19	agΛ-
C20	wa-du, uha-du
C21	asi-
C22	owε-
C23	ovε-
C24	owa-
C25	ou-
C26	ovε-
C27	ou-
C28	ořε-
C29	kore-

---

 PO: awaŋ, maŋa, ŋusu

*nose* 42

C 1	Kare	nεmε-
C 2	Girawa	nepu-
C 3	Munit	mεdε-
C 4	Bemal	si- al
C 5	Sihan	mεdε-
C 6	Gumalu	mεtε-
C 7	Isebe	mεdε-
C 8	Amele	mεtε-
C 9	Bau	mεtε-
C10	Parim	mεdε-
C11	Rapting	no-
C12	Wamas	nowi-
C13	Samosa	novε-
C14	Murupi	noba-
C15	Saruga	nomaha-, numu-
C16	Nake	nohu-
C17	Mosimo	now - fahu
C18	Garus	no-
C19	Yoidik	no-
C20	Rempi	nɔ-
C21	Bagupi	nomusa-
C22	Silopi	nome-
C23	Utu	nomε-
C24	Mawan	nomahi-, no-
C25	Baimak	no-
C26	Matepi	nome-
C27	Gal	no-
C28	Garuh	no-
C29	Kamba	no-

---

 PO:           isu(η)
*tongue* 44

C 1	mambramba
C 2	mino-
C 3	beria-
C 4	mino-
C 5	belia-
C 6	beria-
C 7	belεa-
C 8	pelia-
C 9	peria-
C10	beila-
C11	milεlu-
C12	mεrΛ:ru
C13	mΛ:ru-
C14	nimarυ-
C15	nimΛru-
C16	nimΛ:ru-
C17	mεlΛl-
C18	milΛlu-
C19	milΛlu-
C20	milΛlu-
C21	nimΛru-
C22	nimΛro-
C23	nimΛ:ru-
C24	nimarυ-
C25	perina-
C26	nimΛru-
C27	beri-
C28	balamu-
C29	lεmru-

---

 PO:   (a)ma(a)  
       (a)ηme(a), maya

*saliva* 45

C 1	Kare	sondoma
C 2	Girawa	sinoʔ
C 3	Munit	sʌ:ri-
C 4	Bemal	sino-
C 5	Sihan	sahara-, i:n
C 6	Gumalu	sahʌri-
C 7	Isebe	oisa-
C 8	Amele	zahala-
C 9	Bau	sahara-, oʔosa-
C10	Panin	oʔosa-
C11	Rapting	sinuwal
C12	Wamas	sonoma
C13	Samosa	sanamo
C14	Murup1	subunʌru
C15	Saruga	imihɔr
C16	Nake	ihigɔr
C17	Mosimo	sonomo
C18	Garus	sinu
C19	Yoidik	ʒeʔ
C20	Remp1	zeouk
C21	Bagup1	imiso1
C22	Silop1	oren
C23	Utu	ozen
C24	Mawan	ore-
C25	Baimak	sʌ:ri-
C26	Matep1	isor
C27	Gal	osi-
C28	Garuh	wo:ru-
C29	Kamba	sifuru-

---

 PO: pansu
*tooth* 46

C 1	ogo-
C 2	ʌu-, panaʔ
C 3	ai-
C 4	aɛ-
C 5	ai-
C 6	ai-
C 7	ai-
C 8	ai-, mai-
C 9	ai-
C10	ai-
C11	aʔa-
C12	ʌ-
C13	ʌ:ge-
C14	aʔa-
C15	au-
C16	au-
C17	a-, fabu
C18	tiʔe-
C19	ʌʔʌ-
C20	ʌʔʌ-
C21	au-
C22	ʌu-
C23	au-
C24	a:-
C25	au-
C26	au-
C27	au-
C28	ai-
C29	ɛ(i)-

---

 PO: lipon, nipon

*chin* 47

C 1	Kare	seɓbe-
C 2	Girawa	aro-
C 3	Munit	iɓe-
C 4	Bemal	sibe-, maum(u)-
C 5	Sihan	iɓe-
C 6	Gumalu	aga-
C 7	Isebe	hibe-
C 8	Amele	sipe-
C 9	Bau	hipɛ-, aka-
C10	Panim	hibæ-
C11	Rapting	aga-
C12	Wamas	mai-
C13	Samosa	sove- ʌga
C14	Murupi	mai-
C15	Saruga	aga-
C16	Nake	aga-
C17	Mosimo	gaga-
C18	Garus	age-
C19	Yoidik	sibe-
C20	Rempi	si:vɛ-
C21	Bagupi	aga-
C22	Silopi	age-
C23	Utu	age-
C24	Mawan	aga-
C25	Balmak	aka-
C26	Matepi	age-
C27	Gal	aga-
C28	Garuh	aga-
C29	Kamba	siwe-

---

PO: qanse, kumi

*nape* 51

C 1	goromɔ-
C 2	du-
C 3	du-
C 4	du-
C 5	du-
C 6	du-
C 7	du-
C 8	tu-
C 9	tu-
C10	du-
C11	du?u-
C12	nu- a:mu
C13	duga-
C14	nu?u-, tuwari
C15	duhali-
C16	duwa-
C17	nu- amu
C18	du?u-
C19	du-
C20	du?u-
C21	doa- amug
C22	duali-
C23	doɔri-
C24	duhari-
C25	du-
C26	duhɔri-
C27	duhuri-
C28	du-
C29	du-

---

PO: (?) ɲpoto  
(?) ki(n)su

<i>neck</i> 49		
C 1	Kare	boro-
C 2	Girawa	pətu-
C 3	Munit	ha(rə)-
C 4	Bemal	bɛ-
C 5	Sihan	bɛ:ri-
C 6	Gumalu	pɛ-
C 7	Isebe	bo-
C 8	Amele	pɛ-
C 9	Bau	pɛ- tur
C10	Parim	bo-
C11	Rapring	arumu-
C12	Wamas	gomore
C13	Samosa	kamura-
C14	Murupi	gumara
C15	Saruga	fa-
C16	Nake	fʌ:-
C17	Mosimo	kamuru-
C18	Garus	bʌ-
C19	Yoidik	ʌdmu-
C20	Rempi	bʌ- diri
C21	Bagupi	fʌ-
C22	Silopi	fa- ʌr
C23	Utu	fa- ʌr
C24	Mawan	fʌ:-
C25	Bainak	oran
C26	Matepi	fʌ-
C27	Gal	fa-
C28	Garuh	ba-
C29	Kamba	fʌ-

---

PO:           kia

<i>throat</i> 50	
C 1	boro- yugu
C 2	o'oʔ
C 3	koʔɔkoʔ
C 4	krokro-
C 5	dodori
C 6	totɔr
C 7	wanmadodɔr
C 8	total
C 9	totɔr, pɛ
C10	bo- mandodol
C11	arumu- dili
C12	gomore- ʌgu
C13	kamare
C14	gumara- asu
C15	gumara
C16	gumʌ:r
C17	gomorʌg
C18	aramu-
C19	adugu-
C20	kulolgunu-
C21	ʌr pʌʌ
C22	fa- korkor
C23	fa- ʌr
C24	fʌ- korkor
C25	oran dodol
C26	rokrok
C27	
C28	badba-
C29	garfʌg

---

PO: (?) ɲpoto



*back* 53

C 1	Kare	səma-, arəwora
C 2	Girawa	mɛʔɛsu-, popo-
C 3	Munit	sihō-
C 4	Bemal	bobo-, bugaʃi-
C 5	Sihan	kokodo-
C 6	Gumalu	foforo-
C 7	Isebe	gogodo-
C 8	Amele	hipo-, ho, gogodo-
C 9	Bau	kokoto-, pioʔta-
C10	Panim	gogodo-
C11	Rapting	degoma-, ʌ:ge-
C12	Wamas	segemɛ-
C13	Samosa	segemi, vari-
C14	Murupi	semaga-
C15	Saruga	ehu-
C16	Nake	age-
C17	Mosimo	segem-
C18	Garus	dumu-
C19	Yoidik	agama-
C20	Rempi	garmama-
C21	Bagupi	ehɛ-
C22	Silopi	uru-
C23	Utu	sumɛ-, ehɛ-
C24	Mawan	ehu-, uru-
C25	Baimak	fofolo-, kokoto-
C26	Matepi	ehu-
C27	Gal	gome-
C28	Garuh	age-
C29	Kamba	gumi-

*buttocks* 54

C 1	siomo-
C 2	pi- amuʔ
C 3	biɛɛ-
C 4	bi- am
C 5	bioto-
C 6	bi-, bioto-
C 7	bioto-
C 8	piʔito-
C 9	piʔoto-
C10	bibito
C11	bɛ:- mira
C12	sikuni-
C13	savɛ-
C14	silu-, unu-
C15	soru-
C16	tito-
C17	sikun-
C18	bili-
C19	bila-
C20	bi-
C21	solu-
C22	sihe-
C23	sɛ-
C24	sihɛ-
C25	bioto-
C26	sihe-
C27	bigigo-
C28	biso-
C29	bi-

---

 PO: mpu(dr)i(t)

*arm* 55

C 1	Kare	pε-
C 2	Girawa	ipo-
C 3	Munit	barΛ-
C 4	Bemal	εβε-
C 5	Sihan	εβε-
C 6	Gumalu	dεπε-
C 7	Isebe	εβε-
C 8	Amele	επε-
C 9	Bau	εβε-
C10	Panim	εβε-
C11	Rapting	awε-
C12	Wamas	ave-
C13	Samosa	ave-
C14	Murup1	ava-
C15	Saruga	avi-, avu-
C16	Nake	ivu-
C17	Mosimo	abi-
C18	Garus	ive-, ave-
C19	Yoidik	abe-, ave-
C20	Remp1	ave-
C21	Bagup1	εβε-
C22	Silop1	dεwu-
C23	Utu	zεvu-
C24	Mawan	debu-
C25	Baimak	rebu-
C26	Matep1	levu-
C27	Gal	εw1u-
C28	Garuh	εβε-
C29	Kamba	εwε-

---

 PO:            l1ma, l1ŋa
*elbow* 57

C 1	gosiba
C 2	ai?wo-
C 3	ames g
C 4	gugε-, taumΛg
C 5	u:r
C 6	amuk
C 7	huεnεn
C 8	su?ul
C 9	hu?ur
C10	gobisi
C11	asuε, sune
C12	sunΛ(r)- fahu
C13	sugunΛ
C14	sunΛ-
C15	azepa
C16	osa
C17	sunΛ:li
C18	su?un
C19	su:?nΛk
C20	su?na-
C21	usΛ- amug
C22	kusesin
C23	gusisi
C24	gumi
C25	a:muk
C26	guzεzi
C27	sikini
C28	hignε-
C29	sukunε-

---

 PO:    siku(n)

<i>shoulder</i>	58	<i>campit</i>	59
C 1	Kare pasamora	C 1	sosola
C 2	Girawa eperu-	C 2	aseru-
C 3	Munit abara-	C 3	gila-
C 4	Bemal abara-	C 4	gisla-
C 5	Sihan abara-	C 5	kia-
C 6	Gumalu apata-	C 6	gi'a-
C 7	Isebe guba-	C 7	gea-
C 8	Amele pato-	C 8	gi'a-
C 9	Bau kapara-	C 9	gi'a-
C10	Panim guba-	C10	gi'a-
C11	Rapting gu:ge-	C11	gigen
C12	Wamas paya fahu	C12	terere-
C13	Samosa emisa-	C13	terere-
C14	Murupi guga-	C14	gi'i-
C15	Saruga guga-	C15	sia-
C16	Nake goga-	C16	sia-
C17	Mosimo ima(ha)-	C17	tetele-
C18	Garus ime-	C18	gi'i-
C19	Yoidik ima-	C19	gi'i-
C20	Rempi gugu-	C20	gi'i-
C21	Bagupi guga-	C21	siali-
C22	Silopi uye-	C22	sio-
C23	Utu uze-	C23	sio-
C24	Mawan abahi-	C24	sio-
C25	Balmak kapata-, dota-	C25	sioli-
C26	Matepi guge-, lote-	C26	sio-
C27	Gal gugu-	C27	gibdi-
C28	Garuh goga-	C28	gibdi-
C29	Kamba guba-	C29	gibri-

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PO: kapa(k), paRa, sari

*left (arm)* 60

C 1	Kare	eneina
C 2	Girawa	sau? nai
C 3	Munit	nakera
C 4	Bemal	nanaim
C 5	Sihan	nakeva
C 6	Gumalu	hanenei
C 7	Isebe	ahanε
C 8	Amele	anse
C 9	Bau	hanεne
C10	Panim	anahe
C11	Rapting	nanawa
C12	Wamas	nanimo
C13	Samosa	naini
C14	Murupi	naina
C15	Saruga	navaga
C16	Nake	nanε
C17	Mosimo	naino
C18	Garus	nanva?
C19	Yoidik	nanawa?
C20	Rempi	ηais
C21	Bagupi	nanεh
C22	Silopi	namba
C23	Utu	namba
C24	Mawan	naneβλ
C25	Baimak	anena i
C26	Matepi	nanεva
C27	Gal	nanεs
C28	Garuh	nanki
C29	Kamba	nanεti

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 PO:           ma-wiri
*right (arm)* 61

C 1	kesa
C 2	neu?aim
C 3	meuray
C 4	naliweim
C 5	meurava
C 6	meulipan
C 7	muipa-
C 8	meula
C 9	murife
C10	mu?ifa
C11	bilu, awu?
C12	teibo
C13	teva
C14	ivua
C15	zenu
C16	inλv
C17	teibu
C18	avu?
C19	λbu?
C20	λp
C21	metul
C22	tupa, polup
C23	dupa
C24	nuipa
C25	nulipan
C26	nuipλg
C27	nuipa
C28	sutgu
C29	kenλri

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 PO:   ma-taqu

<i>thumb</i>	65	<i>finger nail</i>	66
C 1	Kare	nɛmɛna gumʌga	C 1 kʌ:ru
C 2	Girawa	tʌb	C 2 sil
C 3	Munit	balʌnimã	C 3 siri
C 4	Bemal		C 4 zil
C 5	Sihan	mʌ:	C 5 siroʔ
C 6	Gumalu	mia beu	C 6 siu
C 7	Isebe	mamʌg	C 7 silu
C 8	Amele	mamɔk	C 8 hilo
C 9	Bau	mamʌk	C 9 si
C10	Panin	mamʌg	C10 si:lu
C11	Rapting	mɛtap	C11 dilik
C12	Wamas	abia	C12 kʌ:ru
C13	Samosa	asɛ	C13 kʌ:rogu
C14	Murupi	mɛtaba	C14 hiligu
C15	Saruga	mɛhu	C15 dili
C16	Nake	mɛ <sup>h</sup>	C16 pili
C17	Mosimo	aviha	C17 kʌ:lu
C18	Garus	anuk	C18 dilik
C19	Yoidik	anʌ:g	C19 dilik
C20	Rempi	t <sup>h</sup> anaun	C20 di:luk
C21	Bagupi	mɛhe	C21 bili
C22	Silopi	mɛmɛn	C22 kwasin
C23	Utu	mipanup	C23 ʔpoasin
C24	Mawan	mɛmɛ	C24 kwahi
C25	Balmak	mamak	C25 siri
C26	Matepi	mɛ <sup>h</sup>	C26 pasi
C27	Gal	mʌ	C27 fɛɛ
C28	Garuh	sanɛug	C28 diu
C29	Kamba	tʌnig	C29 godef

---

 PO: kuku

*leg 67*

C 1 Kare bogo-, kesire-

C 2 Girawa iso-

C 3 Munit ha-

C 4 Bernal aña-

C 5 Sihan hai

C 6 Gumalu fai

C 7 Isebe yai-

C 8 Amele zai-

C 9 Bau rai-

C10 Panim yai-

C11 Raptang ba?a-

C12 Wamas batari-

C13 Samsa dura-

C14 Murupi ba?a-

C15 Saruga fau-

C16 Nake sipu-

C17 Mosimo batAli-

C18 Garus ba?u-

C19 YoIdik bo? -

C20 Rempi ba?a-

C21 Bagupi fa-

C22 Silopi fa-

C23 Utu fa-

C24 Mawan fA-

C25 Baimak fa:-, katirA-

C26 Matepi fa-

C27 Gal fau-

C28 Garuh bai-

C29 Kamba fε(i)-

*upper leg 68*

C 1 manumba

C 2 osi-, pau-

C 3 do-

C 4 hoi-

C 5 tu?uru-

C 6 tu?uii-

C 7 marAwa-

C 8 tu?umi

C 9 tu?ulu-

C10 t<sup>h</sup>u?u-

C11 pisi

C12 fo-

C13 foe-

C14 wih-

C15 gah-

C16 turi-

C17 fo-

C18 pisi-

C19 pisi-

C20 pisi-

C21 igou-

C22 komu-

C23 gomu-

C24 guga-

C25 pia:ri-

C26 gome-

C27 powa-

C28 suri-

C29 turi-

PO: waqe

*calf (of leg)* 70

C 1	Kare	ʌ:ta
C 2	Girawa	tupsi-
C 3	Munit	sosi-
C 4	Bemal	ʒiu- tabu
C 5	Sihan	use-
C 6	Gumalu	use-
C 7	Isebe	mataufu-
C 8	Amele	pik
C 9	Bau	matefu-, use-
C10	Panim	yai- bignʌg
C11	Rapting	marara-
C12	Wamas	dau
C13	Samosa	marʌra-
C14	Murupi	malala-
C15	Saruga	marara-
C16	Nake	marara-
C17	Mosimo	mararʌ-
C18	Garus	maʔʌʌe
C19	Yoidik	mualda-
C20	Rempi	malde-
C21	Bagupi	isumagi
C22	Silopi	usi-
C23	Utu	usi-
C24	Mawan	uhɛhu-
C25	Baimak	madefu-, use-
C26	Matepi	hunu-
C27	Gal	usi-
C28	Garuh	didi-
C29	Kamba	matfu-

*knee* 71

C 1	umʌuma
C 2	wo-
C 3	gando-
C 4	tauban
C 5	kʌ:t, ihoro-
C 6	katira-
C 7	gʌtirʌ-
C 8	ko:p
C 9	katira-
C10	gatilʌ-
C11	gate-
C12	tavar- ʌmu
C13	tava(ra)- amo
C14	tava- mu
C15	tova-
C16	gate-
C17	tavali- amug
C18	gʌte-
C19	gatʌ- amak
C20	gʌta- amuk
C21	dowa- amug
C22	keta-
C23	geɛe-
C24	tabʌri-
C25	ʌ:muk
C26	gate-
C27	kate-
C28	kase-
C29	gate-

---

 PO: tu(dr) (iu)

*belly* 72<sup>7</sup>

C 1 Kare      ε- mbonga

C 2 Girawa    noʔo

C 3 Munit

C 4 Bemal    bigu-

C 5 Sihan    wawi-

C 6 Gumalu   wawi-

C 7 Isebe    wawi-

C 8 Amele    wawi-

C 9 Bau      vavi-

C10 Panim    wawu-

C11 Raptng    o-, wo-

C12 Wamas    oa-

C13 Samosa   o(ε)- si

C14 Murupi   o- si

C15 Saruga   o-

C16 Nake      ɔ-

C17 Mosimo   o-

C18 Garus    o-

C19 Yoidik    wo- sʌʔ

C20 Remp1    wɔ- sʌ

C21 Bagupi   ihuru- ɛm

C22 Silopi    o-

C23 Utu       o-

C24 Mawan    o-

C25 Baimak   o-

C26 Matepi   o-

C27 Gal       o-

C28 Garuh    wo-

C29 Kamba    o-

---

 PO:            kete, manawa,  
                  tia(n)
*stomach (guts)* 73

C 1 si, ɛnasi

C 2

C 3 bia-

C 4 bigu- oug

C 5 bi-

C 6 wavi- tuʔis

C 7 bi- maliagu, bi- anag

C 8 wawi- tuni, bi- anak

C 9 vov-

C10 bi- anag

C11 bi, bi muliʔ

C12 si

C13 si

C14 si

C15 si

C16 si:

C17 si:

C18 oʔoʔek

C19 uʔu-

C20 kuʔoi-

C21 si

C22 si-

C23 si-

C24 bi:r

C25 o- wʌg

C26 si- gup

C27 bi-

C28 bi-

C29 bi-

---

 PO:    tinaq(ei) (*guts*)



*breast (woman)* 74

C 1	Kare	o:y
C 2	Girawa	apur
C 3	Munit	api(ri)-
C 4	Bemal	ʌ:pi-
C 5	Sihan	su:-
C 6	Gumalu	hu, hugu-
C 7	Isebe	hu-
C 8	Amele	suk
C 9	Bau	hu:
C10	Panim	su-
C11	Rapting	au
C12	Wamas	au
C13	Samosa	au
C14	Murupi	au
C15	Saruga	au
C16	Nake	su, suha
C17	Mosimo	au
C18	Garus	ʌ:, ʌ:vɛ-
C19	Yoidik	susu-
C20	Rempi	susuʔɛ-
C21	Bagupi	ʌ:b
C22	Silopi	aba
C23	Utu	awa
C24	Mawan	auma
C25	Balmak	aumay
C26	Matepi	awa
C27	Gal	au-
C28	Garuh	hu
C29	Kamba	auma

*chest* 75

C 1	gerɛwa-
C 2	toŋo-
C 3	todo-
C 4	toro-
C 5	muku-
C 6	mugu-
C 7	mugu-
C 8	muku-
C 9	muku-
C10	mugu-
C11	pari
C12	kogomu-
C13	igʌ-
C14	via-
C15	via-
C16	ʔip-, gilipo-
C17	kogomo-
C18	pari-
C19	badi-
C20	pʌdi-
C21	gilipo-
C22	kemu-
C23	gɛma-
C24	gamu-
C25	mugu-, toto-
C26	gabu-
C27	ɛwo-
C28	gampo-
C29	damko-

---

PO: (n)su(n)su

*navel* 77

C 1	Kare	simurugo
C 2	Girawa	sor-
C 3	Munit	iri-
C 4	Bemal	solli-
C 5	Sihan	iri-
C 6	Gumalu	hiri-
C 7	Isebe	hili-
C 8	Amele	sili-
C 9	Bau	hiri-
C10	Panim	hili-
C11	Rapting	sumuri-
C12	Wamas	sumuli-
C13	Samosa	naso-
C14	Murupi	simuli-
C15	Saruga	ihuru-
C16	Nake	imuri-
C17	Mosimo	sumuli-
C18	Garus	žimuli-
C19	Yoidik	natmΛ-
C20	Rempi	susmi-
C21	Bagupi	ihuru-
C22	Silopi	ihu-
C23	Utu	yu-
C24	Mawan	iri-
C25	Baimak	iri-
C26	Matepi	silu-, ihuru-
C27	Gal	iri-
C28	Garuh	hiři-
C29	Kamba	sivři-

---

 PO: mpuso(s)
*blood* 78

C 1	urΛw
C 2	?arian
C 3	eda-
C 4	esε-
C 5	eta-
C 6	roga-
C 7	yoga-
C 8	kola-
C 9	roka-
C10	zogaΛ
C11	ti
C12	ti
C13	ti
C14	Λti-
C15	ti-
C16	ti-
C17	ti-
C18	et, ařε-
C19	ΛdΛ-
C20	Λd
C21	ti
C22	ti-
C23	ti-
C24	Λri-
C25	momoka-
C26	ti-
C27	ti-
C28	si-
C29	kařΛ-

---

 PO: daRa(q), toto

## vein 79

C 1	Kare	silisiri
C 2	Girawa	dun
C 3	Munit	sila-, didi-
C 4	Bemal	diri-
C 5	Sihan	sirima(n)-
C 6	Gumalu	sirima-
C 7	Isebe	silima-
C 8	Amele	hilima-
C 9	Bau	sirima-
C10	Panim	silima-
C11	Rapting	dilik
C12	Wamas	sili
C13	Samosa	sirini
C14	Murup1	simul-
C15	Saruga	sili
C16	Nake	sili:-
C17	Mosimo	sili
C18	Garus	dile-
C19	Yoidik	diñi-
C20	Remp1	di:ri-
C21	Bagup1	sili
C22	Silop1	siri
C23	Utu	zi:ri
C24	Mawan	sirimu-
C25	Balmak	sirimuk
C26	Matep1	sirihu-
C27	Gal	simirig
C28	Garuh	diri-
C29	Kamba	diri-

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 PO:           ura
heart<sup>8</sup> 83

C 1	
C 2	amau-
C 3	putputi-
C 4	butbut-
C 5	uru-
C 6	uru-
C 7	uru-
C 8	uii-
C 9	uru-
C10	uii-
C11	uru-, puwaga-
C12	ti guta:u
C13	
C14	ɔra
C15	ipaliime
C16	gam-
C17	keveie-
C18	uiu-
C19	nibuba-
C20	
C21	ti
C22	
C23	
C24	ga- papuaya
C25	
C26	
C27	
C28	umhi-
C29	kirigur

---

 PO: (?) manawa, (?) nua

<i>liver</i> 81		
C 1	Kare	koura
C 2	Girawa	bau- au
C 3	Munit	uru-
C 4	Bemal	bahu-
C 5	Sihan	kema-
C 6	Gumalu	gema-
C 7	Isebe	
C 8	Amele	gema-
C 9	Bau	kema-
C10	Panim	gema-
C11	Rapting	ulu wogai
C12	Wamas	game-
C13	Samosa	game-
C14	Murupi	gam-
C15	Saruga	gam-
C16	Nake	gam- gai
C17	Mosimo	gami-
C18	Garus	game-
C19	Yoidik	ulu-
C20	Rempi	game-
C21	Bagupi	game-
C22	Silopi	kemu-
C23	Utu	game-
C24	Mawan	ga-
C25	Balmak	ulu- a:uk
C26	Matepi	uru- aug
C27	Gal	gaml-
C28	Garuh	gama-
C29	Kamba	kuru- gagrag

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PO:                   gate

<i>lung</i> 82	
C 1	ga:ma
C 2	sarsari
C 3	arisa-
C 4	wag-
C 5	
C 6	aresa-
C 7	hewa-
C 8	malasu
C 9	uru-
C10	masalu-
C11	degoma a?at
C12	game-
C13	game- ora
C14	panagu
C15	gam- ora
C16	gam- gari
C17	gami- nlheta
C18	bubuwe- usus
C19	ususu-
C20	ulu-
C21	uru-
C22	uru-
C23	uru- aug
C24	uru- ahu
C25	kam-
C26	gam-
C27	uri-
C28	alchau-
C29	kuru- kawa

*bone* 84

C 1	Kare	pasΛ:ga
C 2	Girawa	isu?au
C 3	Munit	ho-
C 4	Bemal	pahi-
C 5	Sihan	εfai-
C 6	Gumalu	pehiri-
C 7	Isebe	bεhili-
C 8	Amele	tεfuli-
C 9	Bau	fεhili-
C10	Panim	tεfulu-
C11	Rapting	pasi-
C12	Wamas	fahulu-
C13	Samosa	faso
C14	Murupi	wahi-
C15	Saruga	epe-
C16	Nake	εpe-
C17	Mosimo	fahul-
C18	Garus	pasi-
C19	Yoidik	pasi-
C20	Rempi	pΛsl-
C21	Bagupi	εpe-
C22	Silopi	epe-
C23	Utu	εpe-
C24	Mawan	epe-
C25	Balmak	εpay-
C26	Matepi	εpe-
C27	Gal	εpe-
C28	Garuh	iπi-
C29	Kamba	kεfsi-

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 PO: suRi, tu(dr)(i)
*skin (body)* 85

C 1	dΛ:ru, to?o
C 2	?εra-, to?o, εni-
C 3	gera-, dεhulig
C 4	gala-, εni-
C 5	kana-, εvΛ-
C 6	ganau-
C 7	gΛna-
C 8	tεwεn-, kana?
C 9	kanau-
C10	gana-
C11	gara-
C12	gara-
C13	gare-
C14	garaw-
C15	gara-, aho-
C16	gara-, fε-
C17	gara-
C18	galε-
C19	sΛ-
C20	gΛʔa-, ogu-
C21	garΛ-, fε-
C22	keri-, fε-
C23	gara, fε-
C24	gari-, fεru-
C25	gara-, fεru-
C26	garε-, ahu-
C27	gari-, fεri
C28	gaʔa-, piru-
C29	gonε-

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 PO: kuli(i)

## sweat 86

C 1	Kare	wa:ra
C 2	Girawa	mui
C 3	Munit	eri-
C 4	Bemal	sibigel
C 5	Sihan	eri?
C 6	Gumalu	muhuri-
C 7	Isebe	muhulu-
C 8	Amele	musul
C 9	Bau	muhur
C10	Panim	muhul
C11	Rapting	misul
C12	Wamas	mi:li
C13	Samosa	miri
C14	Murupi	mihulu
C15	Saruga	mi:lu
C16	Nake	mihur
C17	Mosimo	mili
C18	Garus	misul
C19	Yoidik	milu-
C20	Rempi	milu-
C21	Bagupi	mihur
C22	Silopi	eri
C23	Utu	eri
C24	Mawan	eri
C25	Balmak	mul- (v)
C26	Matepi	eri-
C27	Gal	saisa <sup>h</sup>
C28	Garuh	hiŋi
C29	Kamba	zeri

## sore 87

C 1	irumba
C 2	u:zε
C 3	uε-, uεε-, wε-
C 4	su-
C 5	yo-
C 6	yo-
C 7	yo-
C 8	iso-
C 9	zo-
C10	zou-
C11	yu
C12	ju
C13	su
C14	zu
C15	ta:hu
C16	tʌha-
C17	zu
C18	zu
C19	yu-
C20	zu-
C21	tʌ <sup>h</sup>
C22	tʌ:n
C23	tʌ:n
C24	tʌh
C25	you-
C26	tʌh
C27	i-, ye-
C28	ihi-
C29	isi-

*excrement* 89

C 1	Kare	si
C 2	Girawa	p <sup>h</sup> i
C 3	Munit	bi:
C 4	Bemal	bi-
C 5	Sihan	bi:-
C 6	Gumalu	pi-
C 7	Isebe	biyu
C 8	Amele	puyɛ?
C 9	Bau	pi
C10	Panin	bi(ad)- (v)

C11	Rapting	bi
C12	Wamas	si
C13	Samosa	si
C14	Murupi	si
C15	Saruga	si:
C16	Nake	si
C17	Mosimo	si
C18	Garus	bi:
C19	Yoidik	bi
C20	Rempi	bi-
C21	Bagupi	si:
C22	Silopi	si:
C23	Utu	si
C24	Mawan	bi:
C25	Baimak	bi:
C26	Matepi	si
C27	Gal	bi
C28	Garuh	bi-
C29	Kamba	bi-

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 PO:               taq(ei)
*urine* 90

C 1	lba
C 2	si
C 3	suã
C 4	slpa-
C 5	heva-
C 6	yafou
C 7	slfadow
C 8	zahɔ?
C 9	yafɛ
C10	slwad- (v)

C11	solan
C12	dze
C13	se:gu
C14	zɛ
C15	zelpa
C16	sɔr
C17	zɛ
C18	salol
C19	salole-
C20	silol
C21	delp
C22	deip
C23	zeip
C24	reip
C25	sire
C26	leip
C27	sɛsɛrɛm
C28	hibɾu-
C29	suf <sup>u</sup> ra-

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 PO: di(dr)i, dIRi, mimi

*penis* 91

C 1	Kare	ne-
C 2	Girawa	ne-
C 3	Munit	se-
C 4	Bemal	wai-
C 5	Sihan	ke-, pami-
C 6	Gumalu	au-
C 7	Isebe	ere-
C 8	Amele	bam-, ka-
C 9	Bau	ele-, pamik
C10	Panim	ele-

C11	Rapting	ne-
C12	Wamas	ne-
C13	Samosa	ne-
C14	Murupi	ne-
C15	Saruga	ova-
C16	Nake	ne-
C17	Mosimo	ne-
C18	Garus	ne-
C19	Yoidik	de-
C20	Rempi	de-
C21	Bagupi	owa-
C22	Silopi	owe-
C23	Utu	ove-
C24	Mawan	se-
C25	Balmak	au-, pami-
C26	Matepi	howe-
C27	Gal	se-
C28	Garuh	de-
C29	Kamba	de-

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 PO:                    uti
*vulva* 95

C 1	bo-
C 2	mina-
C 3	mina-
C 4	mina-
C 5	mina-
C 6	mina-
C 7	mina-
C 8	minΛ-
C 9	mina-
C10	mina-
C11	bu-
C12	bua-
C13	bu-
C14	fu- viΛ:ga
C15	fugu
C16	ku-
C17	bu-
C18	bu-
C19	bu-
C20	bu-
C21	fu-
C22	fu-
C23	fu-
C24	fu-
C25	bia-
C26	fu-
C27	fu-
C28	se:bu
C29	fu-



<i>name</i>	93	
C 1	Kare	seme-
C 2	Girawa	eni-
C 3	Munit	beni-
C 4	Bemal	wani-
C 5	Sihan	veni-
C 6	Bumalu	weni-
C 7	Isebe	yeni-
C 8	Amele	iza-
C 9	Bau	leni-
C10	Panim	ženu-
C11	Rapting	vani-
C12	Wamas	bina-
C13	Samosa	bina-
C14	Murupi	blna-
C15	Saruga	pina-
C16	Nake	bina-
C17	Mosimo	bina-
C18	Garus	vani-
C19	Yoidik	weni-
C20	Rempi	vani-
C21	Bagupi	bina-
C22	Silopi	wani-
C23	Utu	vani-
C24	Mawan	wani-
C25	Balmak	wani-
C26	Matepi	wani-
C27	Gal	wani-
C28	Garuh	wani-
C29	Kamba	weni-
<hr/>		
PO:	qansa(n)	

<i>shadow</i>	92	
C 1	dende-	
C 2	iba-	
C 3	tete-	
C 4	dodo-	
C 5	dorodoro-	
C 6	toro-	
C 7	ahu-	
C 8	hahu-	
C 9	ahu-	
C10	hahu-	
C11	do-	
C12	doro-	
C13	dore-	
C14	do-	
C15	iso-	
C16	itito-	
C17	dor-	
C18	do-	
C19	do-	
C20	do-	
C21	isiho-	
C22	isoso-	
C23	do-	
C24	iroro-	
C25	torotoro-	
C26	doro-	
C27	dori-	
C28	ildo-, isto-, doto-	
C29	toro-, kito-	
<hr/>		
PO:	(dr)odo, qata	

*cassowary\** 101

C 1	Kare	mΛ:gwa
C 2	Girawa	ɛwar, me:b
C 3	Munit	kubuk
C 4	Bemal	kimau
C 5	Sihan	eir
C 6	Gumalu	ehiř
C 7	Isebe	ehir
C 8	Amele	ɛsil
C 9	Bau	ehir
C10	Panim	ehil
C11	Rapting	kivam
C12	Wamas	kiwΛ:ri, du:wau
C13	Samosa	kivari
C14	Murupi	iwΛ:li
C15	Saruga	iwar
C16	Nake	iwΛ:r
C17	Mosimo	duwo
C18	Garus	asa
C19	Yoidik	asΛu
C20	Rempi	Λsaw
C21	Bagupi	iwΛ:r
C22	Silopi	iwar
C23	Utu	iwar
C24	Mawan	iwar
C25	Baimak	iwai
C26	Matepi	iwar
C27	Gal	iwař
C28	Garuh	he:gař
C29	Kamba	kiwΛr

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 PO: kansua(dr) i
*bird* 96

C 1	wu
C 2	Λi
C 3	Λi
C 4	mɛ:g
C 5	mΛ:n
C 6	mΛ:n
C 7	ai
C 8	ma:n
C 9	hai, man
C10	ai
C11	ai
C12	a:i
C13	Λ:y
C14	Λy
C15	a:y
C16	ay
C17	Λ:y
C18	ɛ:
C19	yɛ:
C20	aih
C21	Λi
C22	ay
C23	a:y
C24	a:r
C25	ay
C26	Λl
C27	ai
C28	ay
C29	æ:

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 PO: manuk

*tail (of bird)* 99

C 1	Kare	si:ruɡu
C 2	Girawa	pitiu
C 3	Munit	bitu
C 4	Bemal	bitotow
C 5	Sihan	pitu
C 6	Gumalu	pitiu
C 7	Isebe	bitu
C 8	Amele	pitohu?
C 9	Bau	piti
C10	Paním	biti
C11	Rapting	viřik
C12	Wamas	siħaru
C13	Samosa	sisarere
C14	Murupi	sa:ru, siħa:ru
C15	Saruga	si:ru
C16	Nake	bitutu
C17	Mosimo	siħaru
C18	Garus	bitota
C19	Yoidik	udik
C20	Rempi	vidiuk
C21	Bagupi	solulug
C22	Silopi	sinulug, sin
C23	Utu	sipuk- uruk
C24	Mawan	biti
C25	Baimak	biti
C26	Matepi	sihurug
C27	Gal	foh
C28	Garuh	bizu
C29	Kamba	fæf

*tail* 106

C 1	ɔ:sa
C 2	iʔeu
C 3	wɛu
C 4	ujag
C 5	hoku
C 6	fahuk
C 7	fohug
C 8	hohu-
C 9	fohuk
C10	fohug
C11	viřik
C12	malu
C13	marogu
C14	malu
C15	usigu
C16	bohug
C17	masu
C18	virik
C19	udik
C20	vidiuk
C21	usig
C22	po:n
C23	bo:n
C24	bo:
C25	fof(u)
C26	bo
C27	foh
C28	bizop
C29	fæ:f

*\*chicken (tame)* 102

C 1	Kare	ɔʌ
C 2	Girawa	ʔaʔarau, uner
C 3	Munit	tue
C 4	Bemal	toi
C 5	Sihan	matu
C 6	Bumalu	matu
C 7	Isebe	tatʌ:r
C 8	Amele	mala:
C 9	Bau	matu
C10	Panim	tatʌl
C11	Rapting	tare
C12	Wamas	madu
C13	Samosa	maruɛ
C14	Murupi	marua
C15	Saruga	maru
C16	Nake	maru
C17	Mosimo	maʔu
C18	Garus	tateʔ
C19	Yoidik	kuʔek
C20	Rempi	tʌʔtɛ
C21	Bagupi	mɛru
C22	Silopi	mɛru
C23	Utu	mɛru
C24	Mawan	maru
C25	Baimak	ma:tu
C26	Matepi	opuma
C27	Gal	ɔkoma
C28	Garuh	hap may, matugi
C29	Kamba	maru

---

 PO:            (?) toa
*chicken (wild)* 103

C 1	nayɔŋga
C 2	malan, ʔiʔau
C 3	pakia, nakʌ:m
C 4	malan, kigiaw
C 5	nʌʔu, baʔio
C 6	paʔiau, marau
C 7	na, baiyu
C 8	paʔiyo, nʌ
C 9	baʔyo, nʌ
C10	nʌ, baʔizu
C11	vakak
C12	oyʌ:g
C13	niʌ:ge
C14	marʌu
C15	morau
C16	murʌ:u
C17	oyʌ:gu
C18	wayauk
C19	wayak
C20	si:ɔʔ
C21	morabi, mɛrɛsagur
C22	arʌ:
C23	aza
C24	arʌ:g
C25	malabep
C26	nʌ, pako
C27	nʌ
C28	bakio, maʔaw
C29	na, maraklɛ

*egg* 100  
C 1 Kare sombaga

C 2 Girawa bɔbau  
C 3 Munit bɔ:gu  
C 4 Bemal wɔ:k  
C 5 Sihan musa  
C 6 Gumalu munau  
C 7 Isebe hobɔ  
C 8 Amele na:k  
C 9 Bau musa  
C10 Panim naʔAg

C11 Raptiŋ taka  
C12 Wamas hegu  
C13 Samosa segu  
C14 Murupi he:gu  
C15 Saruga ova  
C16 Nake musɔ:, munɔ:  
C17 Mosimo se:gu  
C18 Garus dika:  
C19 Yoidik koki  
C20 Remp1 deuk  
C21 Bagup1 musɔ  
C22 Silopi munɔ:n  
C23 Utu muna:n  
C24 Mawan muna  
C25 Baimak musau  
C26 Matepi muna  
C27 Gal owa  
C28 Garuh obau  
C29 Kamba ov

---

PO: mpou, katoluR,  
tolu(R)

*dog* 104  
C 1 kul

C 2 ɛ:n  
C 3 kwā  
C 4 pa(u)  
C 5 pɔy  
C 6 pɔi  
C 7 pɔl  
C 8 pa  
C 9 pai  
C10 pɔl

C11 pay  
C12 pɔi  
C13 ɔy  
C14 pɔy  
C15 pɔy  
C16 pɔ:y  
C17 pɔi  
C18 pe:  
C19 pei  
C20 pɔy  
C21 pɔl  
C22 wɔy  
C23 pay  
C24 kwɔ:r  
C25 pay  
C26 pɔ:l  
C27 pɔl  
C28 pay  
C29 pə:

---

PO: (?) ŋkaun  
(?) kuli

*male (of animals)* 107

C 1	Kare	ŋgamba
C 2	Girawa	sabai
C 3	Munit	saway
C 4	Bemal	ɟaway
C 5	Sihan	manahar
C 6	Gumalu	dana
C 7	Isebe	ɗana
C 8	Amele	manahal
C 9	Bau	dana
C10	Panim	manfal
C11	Rapting	mɛʔ
C12	Wamas	gabo
C13	Samosa	gabo
C14	Murupi	gaba
C15	Saruga	gaha
C16	Nake	ga
C17	Mosimo	gawo
C18	Garus	mɛʔ
C19	Yoidik	gɔp
C20	Remp1	mi:di
C21	Bagupi	goh
C22	Silopi	kon
C23	Utu	gon
C24	Mawan	gah(a), sina
C25	Baimak	kɔv
C26	Natepi	gɔ
C27	Gal	gah
C28	Garuh	mɛu
C29	Kamba	dawɛ

---

 PO: ɲmane
*female (of animals)* 108

C 1	anunga
C 2	anau
C 3	ana
C 4	ana:g
C 5	anɔgu
C 6	arau
C 7	anɔg
C 8	anɔk
C 9	aik
C10	anɔg
C11	anɔg
C12	anau
C13	anɔ:gu
C14	anɔ:gu
C15	anɔ:gu
C16	anɔ:g
C17	anou
C18	anuk
C19	anɔ:g
C20	anauk
C21	enɔg
C22	anɔg
C23	anɔg
C24	anɔg
C25	anɔk
C26	anɔg
C27	anag
C28	anauk
C29	anig

---

 PO: papine

<i>fly</i> (n)	109
C 1 Kare	kigiwλ:si
C 2 Girawa	ʔauʔɛl
C 3 Munit	gwāu
C 4 Bemal	guλbur
C 5 Sihan	guλbur
C 6 Gumalu	bahuř
C 7 Isebe	bahur
C 8 Amele	pahol
C 9 Bau	pahur
C10 Panim	bahul
C11 Raptng	talolo
C12 Wamas	buhλ:ge
C13 Samosa	ba:vu
C14 Murupi	bubohλ:ga
C15 Saruga	pλ:hu
C16 Nake	sarow, žλ:ne
C17 Mosimo	bouhλ:ge
C18 Garus	gaup
C19 Yoidik	golp, bařiu
C20 Remp1	bλp
C21 Bagupi	pahura
C22 Silopi	paında
C23 Utu	paında
C24 Mawan	kwl:hura
C25 Balmak	upepey, pλfudow
C26 Matepi	sarov
C27 Gal	layllag
C28 Garuh	babdi:t
C29 Kamba	bλf
PO:	lango

<i>louse</i>	112
C 1 mi	
C 2 mi	
C 3 mi	
C 4 me	
C 5 mi	
C 6 mi	
C 7 mi	
C 8 mi	
C 9 mi	
C10 mi	
C11 mi	
C12 mi	
C13 mi	
C14 mi	
C15 mi	
C16 mi	
C17 mi	
C18 mi	
C19 mi	
C20 mi	
C21 mi	
C22 mi	
C23 mi	
C24 mi	
C25 mi	
C26 mi	
C27 mi	
C28 mi	
C29 mi	
PO:	kutu, tuma

*fish* 110

C 1	Kare	maɾasa
C 2	Girawa	baɪs
C 3	Munit	va:le
C 4	Bemal	karuk
C 5	Sihan	u:ř
C 6	Gumalu	uř, mbu
C 7	Isebe	do:r, maŋg
C 8	Amele	do:l
C 9	Bau	to:l
C10	Panim	do:l
C11	Rapting	mor
C12	Wamas	marawa:rl
C13	Samosa	maɪsɛ, tʌge
C14	Murupi	maɾaha
C15	Saruga	ɛnuga
C16	Nake	maɾa, silab
C17	Mosimo	waru:ge
C18	Garus	aul
C19	Yoidik	aru
C20	Rempi	klke
C21	Bagupi	sillau
C22	Silopi	kaɪa:r
C23	Utu	ɛnuk, gařař
C24	Mawan	maɪga
C25	Baimak	maɪk
C26	Matepi	sillav
C27	Gal	sirab
C28	Garuh	aoř, kakal
C29	Kamba	do:r, kake

---

 PO:           ikan
*crayfish* 111

C 1	nemura
C 2	sapau
C 3	sisɪ
C 4	sabau
C 5	sa sa
C 6	uř
C 7	wehln
C 8	u:l
C 9	?ohu
C10	u:l
C11	mare
C12	maɾɛ
C13	nemure
C14	maɾɛa
C15	zoma:ru
C16	gol
C17	maɾɛ
C18	mařɛh
C19	sabay
C20	ila?
C21	zomaɾ
C22	dɛma:r
C23	zemaɾ
C24	domaɾ
C25	amis
C26	lomor
C27	gol
C28	gol
C29	guæ

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 PO:   uda(ŋ)



<i>mosquito</i> 114			<i>pig*</i> 115		
C 1	Kare	maranusi	C 1	bi:	
C 2	Girawa	ʌ:s	C 2	p <sup>h</sup> o	
C 3	Munit	āi, gāhi	C 3	ho:	
C 4	Bemal	siul	C 4	bo	
C 5	Sihan	i:u	C 5	ho	
C 6	Gumalu	ihimar	C 6	fo	
C 7	Isebe	ihi	C 7	fo	
C 8	Amele	is	C 8	ho	
C 9	Bau	ʔihlmar	C 9	fo	
C10	Panim	ih	C10	fo	
C11	Rapting	mumuʔ	C11	bo	
C12	Wamas	makene	C12	bo	
C13	Samosa	makani	C13	bo	
C14	Murupi	makani(si), bi:ra	C14	bo	
C15	Saruga	makanihi	C15	bo	
C16	Nake	kopani	C16	bo	
C17	Mosimo	makini	C17	bo	
C18	Garus	makali	C18	bo	
C19	Yoidik	is	C19	bo	
C20	Rempi	is	C20	bo	
C21	Bagupi	kapani	C21	bo	
C22	Silopi	ipi	C22	bo	
C23	Utu	ipi	C23	bo	
C24	Mawan	ipi	C24	bo	
C25	Baimak	imar	C25	fo	
C26	Matepi	ipi	C26	bo	
C27	Gal	pepek	C27	fo	
C28	Garuh	kapni	C28	bo	
C29	Kamba	ibis	C29	bo	
<hr/>			<hr/>		
PO:	ñamuk		PO:	mpoRou	

## meat 116

C 1	Kare	di:ba
C 2	Girawa	to'ou
C 3	Munit	tchu
C 4	Bemal	tAbug
C 5	Sihan	tchu?
C 6	Gumalu	ufu-
C 7	Isebe	ufun
C 8	Amele	uhun
C 9	Bau	ufun
C10	Panim	
C11	Rapting	tibu?
C12	Wamas	dau
C13	Samosa	daugu
C14	Murupi	dau
C15	Saruga	uhunu
C16	Nake	dihun
C17	Mosimo	dau
C18	Garus	suku
C19	Yoidik	me:?
C20	Rempi	suku
C21	Bagupi	tihun
C22	Silopi	uhun
C23	Utu	un
C24	Mawan	uhun
C25	Baimak	ufun
C26	Matepi	uhun
C27	Gal	uhun
C28	Garuh	sibu
C29	Kamba	tæf

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 PO: pi(n)siko

## fat 117

C 1	sonda
C 2	sileuw
C 3	tinu
C 4	sirAg
C 5	ti:nu
C 6	munau
C 7	muna
C 8	lalu
C 9	munAhu-
C10	
C11	sumu?
C12	sumu
C13	somo
C14	humu
C15	nagu
C16	irA:g
C17	somu
C18	sumuk
C19	munAg
C20	manauk
C21	tirAg
C22	nagu
C23	nagu
C24	irA:g
C25	munAw
C26	muna
C27	muna
C28	idaug
C29	kid

---

 PO: monak

*crocodile\** 118

C 1	Kare	yamɣ
C 2	Girawa	zamɿ, aʔin
C 3	Munit	pagɣ
C 4	Bemal	zamay
C 5	Sihan	wakay
C 6	Gumalu	wagɿ
C 7	Isebe	wagi
C 8	Amele	waka
C 9	Bau	vaɬe
C10	Panim	waga
C11	Rapting	wagɣ
C12	Wamas	oni, yamɣ
C13	Samosa	anivo, ani
C14	Murupi	wagɣ
C15	Saruga	wagɣ
C16	Nake	wagay
C17	Mosimo	wagay
C18	Garus	vage
C19	Yoidik	enaʔ
C20	Rempi	vaɣay
C21	Bagupi	wagɿ
C22	Silopi	wagɿ:
C23	Utu	wa:ga
C24	Mawan	waga
C25	Baimak	wagay
C26	Matepi	waɣa
C27	Gal	wagai, pani
C28	Garuh	wagay
C29	Kamba	wagə

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 PO: puqaya
*flying fox* 119

C 1	merimba
C 2	monop <sup>h</sup>
C 3	bɛ, papay
C 4	kaway
C 5	merɛ
C 6	pesur
C 7	merɛf
C 8	meɪɛ
C 9	merɛh, sosob
C10	meɪɛf
C11	meɪɛp
C12	merɛb
C13	merɛ:bu
C14	meɪɛbu
C15	meɪɛhu
C16	meɪɛ
C17	meɪɛb
C18	ive:
C19	aɪbɒm
C20	maɪbɒm
C21	meɪɛ
C22	merɛn
C23	merɛn
C24	koairu
C25	baidu
C26	meɪɛ
C27	merɛ
C28	maɪbɒm
C29	merɛf

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 PO: (m)pekwa

<i>frog</i> 120		
C 1	Kare	yaira
C 2	Girawa	p <sup>h</sup> al
C 3	Munit	kōle
C 4	Bemal	bʌl
C 5	Sihan	o:k
C 6	Gumalu	ok
C 7	Isebe	ɔ:g
C 8	Amele	ɔ:k
C 9	Bau	ɔk
C10	Panim	og
C11	Rapting	sunar, bilo?
C12	Wamas	kukunai
C13	Samosa	sɛsɛr
C14	Murupi	suhuŕu, ogo
C15	Saruga	ogo:, oyay
C16	Nake	ʔo:g
C17	Mosimo	magala, wahe
C18	Garus	sisul
C19	Yoidik	gadan
C20	Rempi	bi:řok
C21	Bagupi	ɔgo
C22	Silopi	ogo:
C23	Utu	oga
C24	Mawan	ogo
C25	Balmak	ok.
C26	Matepi	ogo
C27	Gal	ɔ:g
C28	Garuh	lekay, wo:k, biřoy, kir
C29	Kamba	ko:g

<i>rat</i> 121		
C 1	kusawuna	
C 2	sab, saul	
C 3	gagam	
C 4	saul	
C 5	koʔi	
C 6	koʔi	
C 7	goʔi	
C 8	koʔi	
C 9	koʔi	
C10	goʔi	
C11	silam	
C12	pʌ:huna	
C13	aisaune	
C14	pahuna	
C15	pagoya	
C16	gu:b	
C17	bahuna	
C18	silem	
C19	duaik	
C20	duaik	
C21	pagoi	
C22	barum	
C23	parum	
C24	koauna	
C25	okumar	
C26	aravi	
C27	goi	
C28	soig	
C29	tə:g	

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FO: k(au)nsupe, mpita

<i>snake</i> 122		
C 1	Kare	su:ru
C 2	Girawa	mɛ:n
C 3	Munit	mani
C 4	Bemal	man
C 5	Sihan	mʌ:ni
C 6	Gumalu	mʌ:ni
C 7	Isebe	mʌn
C 8	Amele	man sonone
C 9	Bau	mʌn, man sononi
C10	Panim	mʌn
C11	Rapting	bagʌl, magay
C12	Wamas	mat
C13	Samosa	su
C14	Murupi	wʌnsuru
C15	Saruga	su:ru
C16	Nake	magay
C17	Mosimo	wanhiligu
C18	Garus	magə
C19	Yoidik	muran, arʌŋɛk, kosman
C20	Rempi	makay
C21	Bagupi	suř
C22	Silopi	su
C23	Utu	su
C24	Mawan	mat
C25	Balmak	mat
C26	Matepi	su
C27	Gal	mʌt
C28	Garuh	magay
C29	Kamba	mʌt

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PO:           ŋmata

<i>wallaby</i> 123	
C 1	urinday
C 2	uzeʔ
C 3	sugule
C 4	gawi
C 5	utʌma
C 6	sukuř
C 7	dʌmi
C 8	utuma, so
C 9	utamɛ
C10	udʌmi
C11	soɛl
C12	bedɛ
C13	erɛ
C14	ura
C15	ura
C16	so:r
C17	bɛrɛ
C18	gaut
C19	gʌ:t
C20	soiř
C21	ur
C22	ɔndo
C23	onda
C24	wai
C25	sugur
C26	uř
C27	waib
C28	hoiř
C29	weib

*possum (tree)*<sup>9</sup> 124

C 1	Kare	dΛ:ma
C 2	Girawa	sibΛ:l
C 3	Munit	kaka, damΛy
C 4	Bemal	haukay, siwai
C 5	Sihan	ti:Λ?
C 6	Gumalu	tamΛi
C 7	Isebe	dɔ:l
C 8	Amele	tama, oiv, holabala, du:m
C 9	Bau	Λ?, damay
C10	Panim	dΛmi
C11	Rapting	aru
C12	Wamas	getine
C13	Samosa	
C14	Murupi	etini, yΛgi, emina
C15	Saruga	Λ:u
C16	Nake	Λ:r, dama:
C17	Mosimo	kiti:ni
C18	Garus	wamæ
C19	Yoidik	wamε, alip
C20	Rempi	vΛkuin
C21	Bagupi	damΛ
C22	Silopi	damΛ, yΛgi
C23	Utu	dama, yagi
C24	Mawan	damay, yagi
C25	Baimak	tamay
C26	Matepi	dama
C27	Gal	damai
C28	Garuh	damay
C29	Kamba	dame

*possum (ground)* 125

C 1	sagΛ:nimi
C 2	?asin
C 3	ganim
C 4	ganim, gasin
C 5	kΛnim
C 6	masΛn
C 7	ganim
C 8	kanim
C 9	ukanim
C10	gΛnim
C11	vakin, saun
C12	su:b
C13	
C14	su?ubu
C15	tusihi
C16	tusi
C17	su:bu
C18	
C19	wakun reu
C20	uis
C21	tusih
C22	kanim
C23	ganim
C24	ganim
C25	ganim
C26	ganim
C27	ganim
C28	gain
C29	ganim

*butterfly* 126

C 1	Kare	purupuru
C 2	Girawa	apapɾ
C 3	Munit	papɾlit
C 4	Bemal	papal
C 5	Sihan	papɾrit
C 6	Gumalu	papɾrit
C 7	Isebe	babɾrit
C 8	Amele	babalit
C 9	Bau	papɾrit
C10	Panim	babalit
C11	Rapting	taleʔleʔ
C12	Wamas	pageri:bu, bubur
C13	Samosa	bowuru
C14	Murupi	pagɾlubu
C15	Saruga	bibirol i
C16	Nake	bobor
C17	Mosimo	bubulu
C18	Garus	talele
C19	Yoidik	balum
C20	Remp1	kɾbob
C21	Bagupi	bobor
C22	Silopi	tiwal l p
C23	Utu	bivorip
C24	Mawan	bɾbarit
C25	Baimak	babarit
C26	Matepi	bobɾrit
C27	Gal	babrit
C28	Garuh	boboir
C29	Kamba	bobor

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 PO: mpe(e)mpe(e)
*wing* 98

C 1	sɔra
C 2	saw
C 3	sɾb
C 4	sɾu
C 5	aruʔ
C 6	haru
C 7	hɾru
C 8	hozon
C 9	haruk
C10	halu
C11	sa
C12	garɾ
C13	sɾ:gu
C14	hɾ:
C15	alu
C16	ɾ:lu
C17	sɾ
C18	sɾ:
C19	uguʔ
C20	sɾ
C21	ɾ:lu
C22	aru
C23	a:ru
C24	airu
C25	alu
C26	ailu
C27	ãru
C28	hauk
C29	sau

---

 PO: kapu(k), pan(i)

*banana* 127

C 1 Kare baugi, meanga

C 2 Girawa za:r

C 3 Munit nair

C 4 Bemal wal

C 5 Sihan i:d

C 6 Gumalu i:t

C 7 Isebe dʌ:is

C 8 Amele mu:on

C 9 Bau i:t

C10 Panim i:t

C11 Raptiŋ mug

C12 Wamas mug

C13 Samosa mogu

C14 Murupi mugu

C15 Saruga mu:gu

C16 Nake mug

C17 Mosimo mugu

C18 Garus muk

C19 Yoidik mug

C20 Remp1 mu:k

C21 Bagupi mug

C22 Silopi mug

C23 Utu mug

C24 Mawan mug

C25 Baimak mu:g

C26 Matepi mug

C27 Gal mug

C28 Garuh mug

C29 Kamba mug

---

 PO: pu(n)ti
*\*betelnut* 128

C 1 ka:za

C 2 ʌsʌp, ʌur

C 3 ɛbaʔ

C 4 aul

C 5 ɛ:b

C 6 ɛp

C 7 ɛb

C 8 ɛb

C 9 ɛp

C10 ɛp

C11 ba

C12 kaŋɛ

C13 kase

C14 asa

C15 fa

C16 fa

C17 kaŋɛ

C18 bay

C19 bai

C20 bʌ

C21 fa

C22 fʌ

C23 fa

C24 fa

C25 ɛp

C26 fʌ

C27 fa

C28 ba

C29 fa

---

 PO: (?) (m) pua



*\*betel pepper vine* 129

C 1	Kare	sumbi
C 2	Girawa	nʌi
C 3	Munit	hūra
C 4	Bemal	buř
C 5	Sihan	our
C 6	Gumalu	ohuř
C 7	Isebe	ʔohur
C 8	Amele	hul
C 9	Bau	ohul
C10	Panim	ohul
C11	Rapting	ohol
C12	Wamas	ʒai
C13	Samosa	zai
C14	Murupi	zʌi
C15	Saruga	zʌy
C16	Nake	our
C17	Mosimo	zay
C18	Garus	ʒo
C19	Yoidik	ʒo
C20	Rempi	uhor, ɔr
C21	Bagupi	our
C22	Silopi	our
C23	Utu	our
C24	Mawan	our
C25	Balmak	our
C26	Matepi	our
C27	Gal	eur
C28	Garuh	auř
C29	Kamba	kaur

*\*lime* 130

C 1	gumu
C 2	sʌ:r
C 3	aw, sūs
C 4	sus
C 5	ʔʌ:w
C 6	au
C 7	au
C 8	waya
C 9	au
C10	au
C11	au
C12	kʌu
C13	sise
C14	ʌu
C15	suhi
C16	zu
C17	kau
C18	ʔʌ:
C19	aw
C20	ʌu
C21	suh
C22	su:n
C23	su:n
C24	su
C25	su
C26	suh
C27	au
C28	kupil
C29	ka

---

 PO: apuR, lanje, lase

*alang-alang grass* 131

C 1	Kare	siʌmbʌ
C 2	Girawa	ain
C 3	Munit	kwaɪ
C 4	Bemal	upu
C 5	Sihan	i:nam
C 6	Gumalu	inʌm
C 7	Isebe	inʌm
C 8	Amele	inɛm
C 9	Bau	inam
C10	Panɪm	inʌ:m
C11	Rapting	koko
C12	Wamas	sɛb
C13	Samosa	sɛvɛ
C14	Murupi	sɛba
C15	Saruga	pahapɪn
C16	Nake	pahak
C17	Mosimo	sɛbɛ
C18	Garus	dɛp
C19	Yoidik	kokos
C20	Rempi	kukos
C21	Bagupi	paspɪn
C22	Silopi	imɛr
C23	Utu	imɛr
C24	Mawan	imʌr
C25	Balmak	inam
C26	Matepi	imɛʃ
C27	Gal	imaʃ
C28	Garuh	bahaɪk
C29	Kamba	pasʌk

*pandanus* 132

C 1	туру
C 2	orow
C 3	simis, mō
C 4	olou kunegal
C 5	usamp
C 6	moʔi
C 7	moʔil
C 8	foi
C 9	morokai, moʔi
C10	moʔil
C11	moi
C12	salio, muye
C13	i:gu
C14	moya, sariya
C15	moi pʌhɛ
C16	mui
C17	salio
C18	daliʔ
C19	dariri
C20	darikriu, wak, pʌl
C21	moi
C22	ɔrɔr
C23	oror
C24	mɔr, sariri
C25	orsay, mɔ:t
C26	ge, salili
C27	orsai
C28	darkak, muwi
C29	mui, kodʌr

---

 PO: panda, kiRekiRe

*\*potato* 133

C 1	Kare	agigi
C 2	Girawa	?upi
C 3	Munit	kubia
C 4	Bemal	kubi
C 5	Sihan	kubi
C 6	Gumalu	wagigai
C 7	Isebe	dor?o
C 8	Amele	
C 9	Bau	
C10	Panim	gog
C11	Rapting	songal
C12	Wamas	wagik
C13	Samosa	vagig
C14	Murupi	vagigi
C15	Saruga	vagigi
C16	Nake	tonom, wagigik
C17	Mosimo	agigi
C18	Garus	songal
C19	Yoidik	sarembat
C20	Rempi	songel
C21	Bagupi	tonom
C22	Silopi	
C23	Utu	ku:via
C24	Mawan	vahige
C25	Baimak	wagigay
C26	Matepi	wagigi
C27	Gal	kaukau
C28	Garuh	sonom
C29	Kamba	duraka

*\*sugar* 134

C 1	sukaura
C 2	sa
C 3	sa
C 4	am
C 5	sa
C 6	sa:
C 7	sa
C 8	ha
C 9	sa
C10	sa
C11	am
C12	subuli
C13	suguri
C14	subuli
C15	isuri
C16	am
C17	subuli
C18	de
C19	dah
C20	da:
C21	bana
C22	sa
C23	sa
C24	sa
C25	sa
C26	sa
C27	sa
C28	am
C29	kam

---

 PO: topu

*taro* 135

C 1 Kare mu:

C 2 Girawa mʌ

C 3 Munit mā

C 4 Bemal mʌ

C 5 Sihan mʌ

C 6 Gumalu mʌ

C 7 Isebe ma

C 8 Amele ma

C 9 Bau mʌ

C10 Panim mʌ:

C11 Rapting ma

C12 Wamas ma

C13 Samosa mʌ

C14 Murup1 ma

C15 Saruga ma

C16 Nike ma

C17 Mosimo ma

C18 Garus mʌ

C19 Yoidik ma

C20 Remp1 m

C21 Bagup1 ma

C22 Silop1 ma

C23 Utu ma

C24 Mawan ma

C25 Baimak ma

C26 Matep1 mʌ

C27 Gal ma

C28 Garuh ma

C29 Kamba ma

PO: ntalo(s)

*\*singapore taro* 136

C 1 namara

C 2 buʔer

C 3 komkom

C 4 komokom

C 5 pʌʔʌ

C 6 laima

C 7 baʔu

C 8 paʔala

C 9 pʌʔo

C10 banbaik

C11 namala

C12 koŋkoŋ

C13 namɛra

C14 namalʌna, koka

C15 namalan

C16 namala

C17 konko

C18

C19 ma koŋkoŋ

C20

C21 namɛla

C22 namɛlɛ

C23 ma namira

C24 daima

C25 raima

C26 ko:m, namala

C27 lepau

C28 sibag ma

C29 malə:ma

*yam* 137

C 1	Kare	mainda
C 2	Girawa	mura
C 3	Munit	kakɛ:li
C 4	Bemal	ɛl
C 5	Sihan	marɛk, siwar
C 6	Gumalu	malɛk
C 7	Isebe	marɛg
C 8	Anele	malak
C 9	Bau	marak
C10	Panin	malɛg

C11	Rapting	tawel
C12	Wamas	sabir
C13	Samosa	ara
C14	Murup1	sabɛla
C15	Saruga	savela
C16	Nake	ʔo
C17	Mosimo	baɾɛ
C18	Garus	igon
C19	Yoidik	igon
C20	Remp1	i:gon
C21	Bagup1	sabɛl
C22	Silop1	kakɛr
C23	Utu	kakɛr
C24	Mawan	murak
C25	Baimak	ɔ
C26	Matep1	muʔɛ:g
C27	Gal	murak
C28	Garuh	dabɛʔ
C29	Kamba	dawɛr

---

PO: qupi

*yam (dioscorea esculenta)* 138

C 1	kɛɾɛ:ru
C 2	bɔ:r
C 3	nemi, memi
C 4	mɛr
C 5	ʔɔ
C 6	o
C 7	ʔo
C 8	ʔo
C 9	ʔɔ:
C10	gamug, o:

C11	igon
C12	paɾɛ
C13	gere
C14	gamɛg
C15	o
C16	savɛl
C17	sabili
C18	davɛl
C19	di
C20	di:
C21	ʔo
C22	ʔo
C23	ʔo
C24	ɔ:
C25	murak
C26	ɔ
C27	au
C28	au
C29	kɛ

\*tobacco<sup>10</sup> 139

C 1	Kare	kΛ:si
C 2	Girawa	iut, itut
C 3	Munit	kasa
C 4	Bemal	hit
C 5	Sihan	daʔas, kΛs
C 6	Gumalu	kas
C 7	Isebe	kas
C 8	Amele	yaʔas
C 9	Bau	kΛs
C10	Panim	kΛs

C11	Rapting	kah
C12	Wamas	kahi
C13	Samosa	kasi
C14	Murupi	kΛha
C15	Saruga	ka:ha
C16	Nake	ka(h)ŋ
C17	Mosimo	kahl
C18	Garus	kΛ
C19	Yoidik	muɿs
C20	Rempi	kΛs
C21	Bagupi	kah
C22	Silopi	kas
C23	Utu	kas
C24	Mawan	kas
C25	Baimak	kas
C26	Matepi	kΛs
C27	Gal	kΛs
C28	Garuh	kau
C29	Kamba	kΛs

## \*sago 140

C 1	biɛ:wa
C 2	amap, amoum
C 3	ama
C 4	amam
C 5	ama
C 6	amam
C 7	ama
C 8	ama
C 9	ama
C10	amΛ:

C11	dul
C12	mbo:b
C13	beu
C14	bopi
C15	bo:pi
C16	bop
C17	bob i
C18	bom
C19	bo:m
C20	bom
C21	bo:p
C22	amag
C23	amak
C24	amak
C25	amau
C26	bɛʔiv
C27	fɛm
C28	bom
C29	fɛm

---

 PO: r(au)mpia

*\*coconut (tree)* 141

C 1	Kare	kisua
C 2	Girawa	u?umai
C 3	Munit	nu:r
C 4	Bemal	gom
C 5	Sihan	asur
C 6	Gumal	asuř
C 7	Isebe	asur
C 8	Amele	ahul
C 9	Bau	ʌsur
C10	Panim	asul
C11	Rapting	ni
C12	Wamas	ni
C13	Samosa	ni
C14	Murup1	ni
C15	Saruga	isu
C16	Nake	isu
C17	Mosimo	ni
C18	Garus	met
C19	Yoidik	ni
C20	Remp1	ni
C21	Bagup1	isu
C22	Silop1	isu
C23	Utu	isu
C24	Mawan	isu
C25	Baimak	isu
C26	Matep1	i:su
C27	Gal	isu
C28	Garuh	diu
C29	Kamba	kiri

---

PO:           niu(R)

*\*ripe coconut* 142

C 1 Kare        tʌ:ra

C 2 Girawa     ʔuram

C 3 Munit       mi:n

C 4 Bemal       mehu

C 5 Sihan        meʔek

C 6 Gumalu      meʔek

C 7 Isebe        meʔeg

C 8 Amele        mek

C 9 Bau          meʔek

C10 Panim       meʔeg

C11 Rapping    maha

C12 Wamas       maha

C13 Samosa      moʌ:gu

C14 Murupi       mʌ:

C15 Saruga       moɾʌ

C16 Nake          moupa

C17 Mosimo       tumu

C18 Garus        maha

C19 Yoidik        moɦaʔ

C20 Remp1        maha

C21 Bagupi       mapʌ

C22 Silopi        moup

C23 Utu           maup

C24 Mawan        maup

C25 Baimak       maup

C26 Matepi       moup

C27 Gal           me:g

C28 Garuh        koi

C29 Kamba        meirak

*\*green coconut* 143

C 1 kurasigi

C 2 ʌn

C 3 tuhu, gugu

C 4 bisi:k

C 5 wʌ:

C 6 dehu

C 7 gufu

C 8 adʌk

C 9 wʌ

C10 tauf

C11 ʒe

C12 parʌ:

C13 arʌ:gu

C14 gubu, barʌ

C15 guhu

C16 di

C17 pʌrʌ:

C18 ʒe

C19 meʔ

C20 guʔgoʔu

C21 di

C22 deŋ

C23 pariku

C24 re

C25 reu

C26 le

C27 lehu

C28 leb

C29 tauf



*tree* 144

C 1	Kare	kaima
C 2	Girawa	Λ:m
C 3	Munit	hã
C 4	Bemal	Λ:
C 5	Sihan	nΛi
C 6	Gumalu	na
C 7	Isebe	na
C 8	Amele	nΛ
C 9	Bau	nΛ
C10	Panim	nΛ
C11	Rapting	aip
C12	Wamas	kaimo
C13	Samosa	kaimo
C14	Murup1	aima
C15	Saruga	aima
C16	Nake	aim
C17	Mosimo	kaimo
C18	Garus	aip
C19	Yoidik	εp
C20	Remp1	aip
C21	Bagup1	im
C22	Silop1	εn
C23	Utu	εn
C24	Mawan	ah
C25	Baimak	as
C26	Matep1	εs
C27	Gal	Λs
C28	Garuh	aib
C29	Kamba	kε:r

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 PO: kayu
*fruit* 148

C 1	o:gΛ
C 2	nemau
C 3	ma:g, agu
C 4	da:b
C 5	ai?
C 6	iu
C 7	aig
C 8	aik
C 9	i:
C10	aik
C11	a?ak
C12	Λ:gu
C13	agogu
C14	a?Λgu
C15	augu
C16	auk
C17	Λ:gu
C18	nagei?
C19	Λga
C20	auk
C21	aug
C22	aug
C23	auk
C24	aug
C25	aug
C26	aug
C27	aug
C28	duřu
C29	mou

---

 PO: pua<sup>q</sup>

*sap* 149

C 1	Kare	səga
C 2	Girawa	ʌs
C 3	Munit	gorəw
C 4	Bemal	gas
C 5	Sihan	ki:na
C 6	Gumalu	gin
C 7	Isebe	giri
C 8	Amele	giliʔ
C 9	Bau	kin
C10	Panim	gili
C11	Rapting	ti
C12	Wamas	titaʌ:
C13	Samosa	titaʌ
C14	Murupi	titaʌ
C15	Saruga	titihu
C16	Nake	titi
C17	Mosimo	ditaʌ:
C18	Garus	ti:
C19	Yoidik	ti:
C20	Rempi	adauk
C21	Bagupi	titi
C22	Silopi	titin
C23	Utu	tihu
C24	Mawan	titi
C25	Baimak	gin, titifu
C26	Matepi	titi
C27	Gal	tih
C28	Garuh	siug
C29	Kamba	ditfu, kar

---

 PO: mpulu(t), toto
*stump (of tree)* 150

C 1	tambu
C 2	tapaw
C 3	gu:
C 4	bigə:gu
C 5	ku:k
C 6	guk
C 7	gu:g
C 8	kuk
C 9	um
C10	gug
C11	di:k
C12	taba
C13	tavorə
C14	tabro
C15	sigu, taborə
C16	si:k
C17	taba
C18	bə:ʔ
C19	a:nuk
C20	diuk
C21	si:g
C22	tawa:g
C23	tawa:k
C24	taba
C25	tebin, guru
C26	tawʌg
C27	sig
C28	diug
C29	dig

---

 PO: puqun

*top (of tree)* 151

C 1	Kare	muɛna
C 2	Girawa	æruʔ
C 3	Munit	uri:g
C 4	Bemal	oto:w
C 5	Sihan	koʔin
C 6	Gumalu	gou
C 7	Isebe	goʔin
C 8	Amele	ikoʔ
C 9	Bau	kʌti koʔ n
C10	Panim	goʔin
C11	Rapting	go:k
C12	Wamas	tukʌ:r
C13	Samosa	kuma
C14	Murupi	umʌgu, utuwahe
C15	Saruga	go:gu
C16	Nake	go:k
C17	Mosimo	kuma, utukaru
C18	Garus	umauk
C19	Yoidik	muʌ:k
C20	Rempi	u:mauk
C21	Bagupi	go:g
C22	Silopi	ko:g
C23	Utu	go:k
C24	Mawan	go:k
C25	Baimak	gok
C26	Matepi	go:g
C27	Gal	gok
C28	Garuh	goug
C29	Kamba	gog

*trunk (of tree)* 152

C 1	mbigi
C 2	ænip
C 3	umu
C 4	ɛnip
C 5	um
C 6	um
C 7	um
C 8	um
C 9	um
C10	u:m
C11	mu
C12	mu:
C13	mu
C14	(a)mu
C15	dirimu
C16	imu
C17	mu:
C18	mu:ʔ
C19	mu:
C20	mu:
C21	mu
C22	mu:
C23	mu:
C24	mu
C25	mu:
C26	mu:
C27	umu
C28	yimu
C29	um

*root (of tree)* 153

C 1	Kare	singi
C 2	Girawa	?inip
C 3	Munit	bebei
C 4	Bemal	ginip
C 5	Sihan	bebesiroin
C 6	Gumalu	pepeu
C 7	Isebe	bebu
C 8	Amele	bebek
C 9	Bau	fefe
C10	Panim	bebu
C11	Rapting	dili?
C12	Wamas	sig
C13	Samosa	si:gu
C14	Murupi	si:gu
C15	Saruga	si:gu
C16	Nake	si:li
C17	Mosimo	sigu
C18	Garus	dika
C19	Yoidik	di:k
C20	Rempi	di:ři
C21	Bagupi	silig
C22	Silopi	si:g
C23	Utu	si:k
C24	Mawan	sik
C25	Baimak	si:k
C26	Matepi	sig
C27	Gal	simrig
C28	Garuh	diriu
C29	Kamba	dir

PO:

wakaR, Ramu

*piece of wood* 154

C 1	tugu
C 2	sawaw, ou?
C 3	sage, hãenig
C 4	Λ:b
C 5	tutu, pabuti
C 6	siAk
C 7	tutu
C 8	fan
C 9	si?Ak
C10	tutu
C11	kari, du?
C12	fogΛ, tu
C13	Λtuku
C14	utu
C15	mayahu
C16	tutu
C17	maha
C18	tu:
C19	du
C20	ihe?
C21	tutu
C22	tu:
C23	tu
C24	tu
C25	tutu
C26	tutu
C27	tutu
C28	mahau
C29	tutu, unu

*cane* 156

C 1	Kare	si:na
C 2	Girawa	sin
C 3	Munit	hū
C 4	Bemal	bu:
C 5	Sihan	nu:
C 6	Gumalu	i:f
C 7	Isebe	hif
C 8	Amele	na
C 9	Bau	si
C10	Panim	zi
C11	Rapting	siwil
C12	Wamas	sibir
C13	Samosa	bume
C14	Murupi	sibili
C15	Saruga	iwa:ri
C16	Nake	ivil
C17	Mosimo	sibil
C18	Garus	soup
C19	Yoidik	sap
C20	Rempi	law
C21	Bagupi	iwa:r
C22	Silopi	iwa:r
C23	Utu	iva:r
C24	Mawan	iwa:r
C25	Baimak	i:r
C26	Matepi	iwar
C27	Gal	ibir, bik
C28	Garuh	hibiř
C29	Kamba	sibiř

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 PO: kayu
*stick* 157

C 1	kaima pasΛ:ga
C 2	otpau
C 3	tutul
C 4	kΛbit
C 5	tutur
C 6	na tut
C 7	tut
C 8	si
C 9	su
C10	tut
C11	naindur
C12	banore
C13	Λnuru
C14	pa:nuru
C15	panΛru
C16	aim banar
C17	kai ba:nul
C18	pasi
C19	yuk
C20	law
C21	banΛ:r
C22	en
C23	en tuta
C24	ahirig
C25	kobay
C26	bat
C27	tut
C28	basus
C29	soket

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 PO: toko (for walking, etc.)

*bamboo* 158

C 1	Kare	ba:ra
C 2	Girawa	ɔ:r
C 3	Munit	endu
C 4	Bemal	ʌr
C 5	Sihan	ehun
C 6	Gumalu	et
C 7	Isebe	ed
C 8	Amele	ɛ:d, a:geɪ, wadup
C 9	Bau	et, so
C10	Panin	æd
C11	Rapting	aruk
C12	Wamas	ka:r
C13	Samosa	ka:re
C14	Murupi	ʌ:ru
C15	Saruga	ʌ:ru
C16	Nake	gořɔp
C17	Mosimo	ka:r
C18	Garus	aruk
C19	Yoidik	aduk
C20	Rempi	ʌřʌs, ʌduk, bi:d
C21	Bagupi	ʌr
C22	Silopi	ʔʌ:r
C23	Utu	ʌr
C24	Mawan	ʔeh
C25	Bainak	ɛf
C26	Matepi	ʌř, fozin
C27	Gal	ʔeh
C28	Garuh	livat, din, laum, bodoř
C29	Kamba	karu:g

*\*bean* 159

C 1	koira
C 2	
C 3	hăhăy
C 4	omoy
C 5	mari
C 6	mali
C 7	mamʌri
C 8	maʔin
C 9	mumari
C10	buluna
C11	bateʔ
C12	baite
C13	aite
C14	paite
C15	gupay
C16	gupay
C17	baite
C18	
C19	pate:ʔ
C20	bənsis
C21	gupʌi
C22	fua:
C23	fua
C24	fua
C25	fuay
C26	fuʌ
C27	foay
C28	biřuř, bubaih
C29	suæ

<i>shrub (target)</i> 161			<i>vine</i> 160	
C 1	Kare	kaugu	C 1	miAa
C 2	Girawa		C 2	
C 3	Munit	kwāhu	C 3	sawar, muri
C 4	Bemal	wabum	C 4	us
C 5	Sihan	pahu	C 5	saval
C 6	Gumalu	baʃ	C 6	savaʃ
C 7	Isebe	aʔizor	C 7	maʃ
C 8	Amele	ʔaʔisol	C 8	halu
C 9	Bau	paf	C 9	maʔar
C10	Panım	aʔisol, saguni	C10	dadʃ
C11	Rapting	awaʔ	C11	muii
C12	Wamas	koʃ:, baʃ	C12	muri
C13	Samosa	ba:vu	C13	muri
C14	Murupi	pahu, aba	C14	muri, uma
C15	Saruga	fa:hu	C15	muri
C16	Nake	pahum	C16	muri
C17	Mosimo	koʃ:, ba:bu	C17	muli
C18	Garus	ava:ʔ	C18	mul i
C19	Yoidik	awaʔ	C19	mul i
C20	Rempi	awaʔ	C20	mul i
C21	Bagupi	pahum	C21	muli
C22	Silopi	pahum	C22	muri
C23	Utu	pahum	C23	muri
C24	Mawan	koahu	C24	muri
C25	Baimak	pafu	C25	muri
C26	Matepi	pahum	C26	muri
C27	Gal	ʔaway	C27	muri
C28	Garuh	babulm, kava	C28	muri
C29	Kamba	kawa	C29	daʃaʃ

---

 PO: waRos

*fire* 162

C 1	Kare	ɔ:nda
C 2	Girawa	ɛ:p
C 3	Munit	ɛbi
C 4	Bemal	ʌb
C 5	Sihan	dʌ:y
C 6	Gumalu	ray
C 7	Isebe	yai
C 8	Amele	za
C 9	Bau	rai
C10	Panim	zai

C11	Rapting	zale
C12	Wamas	ʌre
C13	Samosa	ʌ:re
C14	Murupi	ara
C15	Saruga	upa
C16	Nake	ʌ:rup
C17	Mosimo	ʌre
C18	Garus	ahʌl
C19	Yoidik	ʌʌh
C20	Rempi	ala
C21	Bagupi	imup
C22	Silopi	ɛnap
C23	Utu	ɛnap
C24	Mawan	aim
C25	Baimak	aim
C26	Matepi	eim
C27	Gal	aim
C28	Garuh	aib
C29	Kamba	kæb

---

 PO:           api
*light (of fire)* 163

C 1	liwika
C 2	dzerɛu
C 3	un, u:ga
C 4	ɛlɛw
C 5	io?
C 6	
C 7	iyeuni
C 8	kowo
C 9	ʔɛ?
C10	izouʔɛ

C11	aʔag
C12	
C13	
C14	aru, dire
C15	orau
C16	amob
C17	luwagu
C18	zaleʔ
C19	mɛ:gu
C20	didide
C21	oraum
C22	
C23	aruto
C24	ɛup
C25	ɛmaup
C26	onup
C27	aup
C28	aʔau
C29	ar

---

 PO:   (?) dama(r), sina(R)



*smoke* 165

C 1	Kare	miʌ:sa
C 2	Girawa	i:t
C 3	Munit	ebur
C 4	Bemal	muk
C 5	Sihan	ahu?
C 6	Gumalu	ahu
C 7	Isebe	ahu
C 8	Amele	asu?
C 9	Bau	ahu
C10	Panin	ahu
C11	Rapting	musi?
C12	Wamas	muhi
C13	Samosa	mosi
C14	Murupi	muhi
C15	Saruga	mui
C16	Nake	ka:h
C17	Mosimo	muhi
C18	Garus	musi?
C19	Yoidik	musi
C20	Rempi	muʌs
C21	Bagupi	ka
C22	Silopi	enamu
C23	Utu	mupʌ
C24	Mawan	aɪma(?)
C25	Baimak	au
C26	Matepi	auh
C27	Gal	auh
C28	Garuh	kau
C29	Kamba	kas

---

 PO: qasu
*ashes* 164

C 1	gausi, kumusira
C 2	aitap, ui
C 3	kuambi, olis
C 4	waibul, mus
C 5	omis, bopin, oris
C 6	baɾ, orit
C 7	baɾʌp, olit
C 8	omis
C 9	aw, alaba, oris
C10	walba, alos
C11	gui, hamək
C12	giagi, pamu
C13	gausi
C14	gauhi, his
C15	gausi
C16	gauh
C17	gau
C18	vei
C19	dəhi
C20	pamuɪl, hamat
C21	gauh, olim
C22	pʌ:b
C23	pa:b, iʌg, maup
C24	kuʌ:p
C25	ɪr
C26	gauh, urit
C27	isur, orag
C28	uhuir
C29	usur, amʌr

---

 PO: apu, ndapu

*garden* 166

C 1	Kare	sɪŋga, pə:sili
C 2	Girawa	bo:i
C 3	Munit	araw
C 4	Bemal	salau
C 5	Sihan	abia
C 6	Gumalu	pərau
C 7	Isebe	yesan
C 8	Amele	api
C 9	Bau	abi
C10	Panim	abi, yesan
C11	Rapting	en
C12	Wamas	faheri, kenegə
C13	Samosa	kenagara
C14	Murupi	wahili, enega
C15	Saruga	paili
C16	Nake	anap
C17	Mosimo	kenegə
C18	Garus	en
C19	Yoidik	?en
C20	Rempi	en
C21	Bagupi	pail
C22	Silopi	meyan, anub, pair
C23	Utu	pair
C24	Mawan	pair
C25	Baimak	p rau
C26	Matepi	pail
C27	Gal	pair
C28	Garuh	hib, da:d
C29	Kamba	dər

---

 PO: quma
*fence* 167

C 1	siesə
C 2	polim
C 3	ʌ:lɛ
C 4	gilan
C 5	ʌ:ri
C 6	ʌ:r
C 7	gɛ:r
C 8	kɛ:l
C 9	gɛ:r
C10	səl
C11	ail
C12	sɛ:
C13	sɛ
C14	ʌ:ri
C15	sɛ:ru
C16	ʌ:r
C17	sɛ
C18	sɪsɛp
C19	sasap
C20	sasap
C21	ʌ:r
C22	ʌ:r
C23	ɛ:p
C24	ʌ:r
C25	ar
C26	ʌ:r
C27	ʌr
C28	hep
C29	kʌr

---

 PO: (m)para

*ground* 168

C 1	Kare	ʌ:na
C 2	Girawa	o:m
C 3	Munit	basa
C 4	Bemal	ɛm
C 5	Sihan	mi:r
C 6	Gumalu	miʔe
C 7	Isebe	mi:r
C 8	Amele	maha
C 9	Bau	mir
C10	Panim	maha
C11	Rapting	wan
C12	Wamas	wane
C13	Samosa	vane
C14	Murupi	vəna
C15	Saruga	vana
C16	Nake	van, ʌb
C17	Mosimo	vanɛ
C18	Garus	wan
C19	Yoidik	wan
C20	Rempi	vʌn
C21	Bagupi	ɛb
C22	Silopi	ʔɛb
C23	Utu	ɛp
C24	Mawan	ǎp
C25	Baimak	mon
C26	Matepi	ɛ:v
C27	Gal	ʌb
C28	Garuh	wan
C29	Kamba	wan

PO: tano(q) (*ground, soil*)  
panua (*land*)

*house* 169

C 1	yagʌ:bu
C 2	ɔ:w
C 3	dɛbɛ
C 4	zaw
C 5	do:
C 6	lɔ
C 7	yo
C 8	zo
C 9	do
C10	zo
C11	za
C12	jʌ
C13	zau
C14	za:u
C15	za:wa
C16	zau
C17	ɣʌ:
C18	ʒouh
C19	sau
C20	saw
C21	ʒʌb
C22	dʌ
C23	za
C24	ra
C25	imʌt
C26	lʌ
C27	law
C28	lʌ:g
C29	lo

PO: ruŋma(q), pale

## moon 173

C 1	Kare	naway
C 2	Girawa	ʔeir
C 3	Munit	kaboy
C 4	Bemal	geir
C 5	Sihan	da:ker
C 6	Gumalu	lagel
C 7	Isebe	yager
C 8	Amele	zakel
C 9	Bau	raker
C10	Panim	yagel
C11	Rapting	naway
C12	Wamas	noai
C13	Samosa	nuʌi
C14	Murupi	nʌi
C15	Saruga	nai
C16	Nake	nuway
C17	Mosimo	noʌy
C18	Garus	nevə, votmik
C19	Yoidik	kalʌm
C20	Rempi	kalam
C21	Bagupi	aʒʌ:r
C22	Silopi	nava
C23	Utu	nava
C24	Mawan	koʌ:rik
C25	Baimak	parik
C26	Matepi	nava
C27	Gal	ala
C28	Garuh	kalam
C29	Kamba	kalʌm

---

 PO: pula(n)

## mountain 174

C 1	orogari, anayugu
C 2	t <sup>h</sup> orou
C 3	aha, kwesi
C 4	manam
C 5	besiʔ, ehen
C 6	fohien
C 7	mi:l
C 8	ʔalu
C 9	efok, fohien, ʌtu
C10	mahagali
C11	pahiʔ, bue
C12	bori
C13	bʌve
C14	babe
C15	fafe
C16	fahe
C17	wanju
C18	boeʔ
C19	samʌʔ
C20	samaʔ
C21	bahe
C22	ʔi:
C23	i:, ererum
C24	man, erter
C25	at <sup>h</sup> u
C26	manu
C27	manu
C28	bay, bibřu, yeřeř, bigab
C29	boku

---

 PO: kor(ao), solo

*path* 175

C 1	Kare	i:mbu
C 2	Girawa	apu
C 3	Munit	abu
C 4	Bemal	abu
C 5	Sihan	ahu
C 6	Gumalu	hiu
C 7	Isebe	i:
C 8	Amele	ʒiʔ
C 9	Bau	hi
C10	Panim	i
C11	Rapting	i:p
C12	Wamas	i:bu
C13	Samosa	zovo
C14	Murupi	i:bu
C15	Saruga	i:hu
C16	Nake	i:h
C17	Mosimo	i:bu
C18	Garus	i:p
C19	Yoidik	i:b
C20	Rempi	i:pman
C21	Bagupi	i:hi
C22	Silopi	ebin
C23	Utu	irimen
C24	Mawan	mana
C25	Balmak	i:m
C26	Matepi	i:h
C27	Gal	i:m
C28	Garuh	ibman
C29	Kamba	if

---

 PO: sala(n)
*sea* 176

C 1	simo:si
C 2	murei
C 3	mas, ber
C 4	ibut
C 5	maʔas
C 6	ma:s, malas
C 7	maʔas
C 8	maʔas
C 9	maʔas
C10	maʔas
C11	gagiʔ
C12	gagi
C13	gagi
C14	simahi, gagi
C15	simahi
C16	sima
C17	gagi
C18	manu
C19	gagiʔ
C20	mais
C21	simah
C22	siman
C23	siman
C24	simah
C25	ma:s
C26	sima
C27	simah
C28	yu:, hima
C29	i:b

---

 PO: laman, masawa, tansik

*shore* 177

C 1	Kare	kondɛa
C 2	Girawa	omul
C 3	Munit	u:ɡur
C 4	Bemal	urun
C 5	Sihan	mir asawa
C 6	Gumalu	kunanis
C 7	Isebe	dahigu
C 8	Amele	lana
C 9	Bau	asab
C10	Panim	dʌn
C11	Rapting	lʌn
C12	Wamas	tasin
C13	Samosa	koromari
C14	Murupi	uʔuru, si:ga
C15	Saruga	veha:gu
C16	Nake	besʌ:g
C17	Mosimo	tasina
C18	Garus	la:n
C19	Yoidik	lanʌg
C20	Rempi	lan
C21	Bagupi	besʌ:g
C22	Silopi	urug
C23	Utu	bahur
C24	Mawan	uruma
C25	Baimak	ve:rum
C26	Matepi	le aga
C27	Gal	
C28	Garuh	lan
C29	Kamba	eran

---

 PO: masawa
*sand* 178

C 1	ɛ:sigi
C 2	us
C 3	gisi:
C 4	u:s
C 5	esiʔ
C 6	igis
C 7	esig
C 8	esiʔ
C 9	i:kis
C10	esi
C11	esɛl
C12	kehʌ:re
C13	kisʌ:re
C14	ehɛla
C15	esɛla
C16	esɛl
C17	kihare
C18	isɛl
C19	wis
C20	vis
C21	esɛl
C22	mʌi
C23	mai
C24	giri
C25	igis
C26	mʌ:l
C27	esi
C28	ahi
C29	æ:si

---

 PO: qone

*sky* 180

C 1	Kare	kumugumu
C 2	Girawa	
C 3	Munit	āha
C 4	Bemal	mɛ:s
C 5	Sihan	ʌba
C 6	Gumalu	ʌtu
C 7	Isebe	hʌb
C 8	Amele	
C 9	Bau	
C10	Panim	hau
C11	Rapting	um
C12	Wamas	
C13	Samosa	tʌ:gu
C14	Murupi	logalɔg, sawa me:gu
C15	Saruga	ab mɛkmɛk
C16	Nake	ʌub ara:
C17	Mosimo	sabe kumum
C18	Garus	sɛp
C19	Yoidik	sap
C20	Rempi	sap
C21	Bagupi	
C22	Silopi	ebrom
C23	Utu	fulip
C24	Mawan	rom
C25	Balmak	ʌ:b
C26	Matepi	ɛv lom
C27	Gal	ʌb
C28	Garuh	
C29	Kamba	sʌb

---

 PO: laŋi(t)
*cloud* 181

C 1	sʌ:mba, sugumbʌba
C 2	omʌr
C 3	min
C 4	amɛl
C 5	ʌba tina
C 6	hav iasiu, gugur
C 7	hʌb, gagʌtu
C 8	sa:w
C 9	hʌb, tain
C10	hau
C11	sap
C12	sabɛ mɛgu, -- onʌmo
C13	save, tʌ:gu
C14	saba balu, -- tugatamɛ
C15	save, -- tugata
C16	ʌ:b
C17	sabe, -- amu
C18	sɛp
C19	sap
C20	tim biuk, sap
C21	tok, wau
C22	i:hu, katutu
C23	ɛwam
C24	rom, umu
C25	ʌ:b
C26	fuř
C27	ʌb uhuř, -- gu
C28	hap, kabkab, pamu
C29	sʌb

*fog* 182

C 1 Kare      tongoisa

C 2 Girawa    iyow

C 3 Munit      hundu

C 4 Bemal      pi

C 5 Sihan      hud

C 6 Gumalu    fut

C 7 Isebe      uwe

C 8 Amele      hut

C 9 Bau        fu:d

C10 Panim     fud

C11 Raptang    tag

C12 Wamas     tʌ:gu

C13 Samosa    tʌ:gu

C14 Murupi    tʌ:gu

C15 Saruga    to:gu

C16 Nike       to:g

C17 Mosimo    tʌ:gu

C18 Garus      tauk

C19 Yoidik     dʌ:g

C20 Remp1     buddbud

C21 Bagupi     tok

C22 Silopi     furip

C23 Utu        fur

C24 Mawan     furu

C25 Baimak    fud

C26 Matepi    fuř

C27 Gal        fuř

C28 Garuh     buddbud

C29 Kamba     lombi

PO:            kampu(t)

*salt* 183

C 1 siawa

C 2 siu

C 3 u:r, basil

C 4 i:but

C 5 siu

C 6 hiu

C 7 hi

C 8 si:

C 9 hi

C10 maʔʌs

C11 sam

C12 sʌ:mu

C13 sʌ:mu

C14 sʌ:mu

C15 fu:

C16 su:

C17 sʌ:m

C18 sahuʔ, soum

C19 gagiʔ, so:m

C20 som

C21 u:

C22 u:

C23 u:

C24 u:

C25 u:

C26 u:

C27 u

C28 hiu

C29 i:b

PO:    tansi(k), ma-asi(n)



*stone* 184

C 1 Kare      dʌ:ɡiri

C 2 Girawa    ayau?

C 3 Munit      mɛni

C 4 Bemal      ʌi

C 5 Sihan      mɛ:n

C 6 Gumalu    mɛn

C 7 Isebe      mɛn

C 8 Amele      mɛn

C 9 Bau        mɛn

C10 Panim     mɛn

C11 Raptiŋ     i:

C12 Wamas     ki

C13 Samosa     ki

C14 Murupi     i:

C15 Saruga     i

C16 Nake        ʔi:, iaug

C17 Mosimo     ki

C18 Garus      i:

C19 Yoidik      bɛ

C20 Rempɪ      bʌy

C21 Bagupi      ʔi:

C22 Silopi      ʔi

C23 Utu        i:

C24 Mawan      i:

C25 Balmak     mɛn

C26 Matepi      i:

C27 Gal        mɛn

C28 Garuh      min

C29 Kamba      bʌr

PO:            patu

*star* 185

C 1 bizi, aringi

C 2 ururim

C 3 hǎi

C 4 uřeb

C 5 hʌi

C 6 pʰʌi

C 7 surupʌ

C 8 boi

C 9 marapɛ, surufay

C10 malʌbi

C11 up

C12 bi:hi

C13 ʌriwu

C14 bihi

C15 piruma, tohonin

C16 pi:rum, tohonin

C17 bi:hi

C18 up

C19 up

C20 pʌtui

C21 birum

C22 fai

C23 fasir

C24 fʌr

C25 fay

C26 fʌl

C27 fai

C28 hořbay

C29 sorwɛ

PO:            pituqu

*sun* 186

C 1	Kare	anΛ:za
C 2	Girawa	pirarau
C 3	Munit	anΛε
C 4	Bemal	Λm
C 5	Sihan	Λ:ma, Λ:si?
C 6	Gumalu	as
C 7	Isebe	am
C 8	Amele	am
C 9	Bau	Λm
C10	Parim	am
C11	Rapting	vir
C12	Wamas	bihi
C13	Samosa	vesi
C14	Murupi	vis <sup>h</sup> i
C15	Saruga	usi
C16	Nake	u:s
C17	Mosimo	vi:hi
C18	Garus	kalam
C19	Yoidik	Λ:
C20	Rempi	?Λ:, ah
C21	Bagupi	u:s
C22	Silopi	u:n
C23	Utu	us
C24	Mawan	Λ:m
C25	Baimak	am
C26	Matepi	uh
C27	Gal	am
C28	Garuh	am
C29	Kamba	kεm

---

 PO: qanso, si a(R)
*village* 188

C 1	sΛba
C 2	mεna
C 3	ehεl
C 4	uzan
C 5	masΛr
C 6	masΛr
C 7	masΛn
C 8	zopon
C 9	maso
C10	zopon
C11	sau, uř
C12	sau
C13	sΛ:u
C14	sΛwa, sauraga
C15	sawa
C16	Λup
C17	sao
C18	yaneil
C19	samΛg
C20	sΛ:va
C21	fob
C22	oup
C23	oup
C24	oup
C25	oup, Λ:p
C26	oup
C27	oup
C28	Λ:b
C29	kΛ:b

---

 PO: kor, (?) panua

## woods 189

C 1	Kare	angiday
C 2	Girawa	uru
C 3	Munit	ũlũ, aroubik
C 4	Bemal	gai
C 5	Sihan	aran
C 6	Gumalu	pasib
C 7	Isebe	basu
C 8	Amele	pagib, olu?
C 9	Bau	pasib
C10	Panim	basu
C11	Rapting	vatu
C12	Wamas	kuru
C13	Samosa	boro
C14	Murupi	boro, fatua, aiwaga
C15	Saruga	oha:gu
C16	Nake	aharu
C17	Mosimo	bahibu
C18	Garus	dup
C19	Yoidik	dup
C20	Rempi	ʌ:tu, tubuk
C21	Bagupi	ʌtu, uhʌ:k
C22	Silopi	seig
C23	Utu	seik
C24	Mawan	tufa
C25	Balmak	tufa
C26	Matepi	charu, zeik
C27	Gal	doho
C28	Garuh	asu
C29	Kamba	atupa, dumba

---

 PO: quta(n)

## wind 194

C 1	oroga
C 2	irir
C 3	ũhe
C 4	wol
C 5	uhe
C 6	ufei
C 7	was ri
C 8	papon
C 9	papan
C10	alag
C11	vetet
C12	warahi
C13	verige
C14	vilia
C15	urua
C16	vet
C17	wilehihi
C18	vet
C19	wet
C20	vet, dulaw
C21	oya
C22	oyo
C23	oza
C24	wete
C25	olo
C26	vet
C27	wet
C28	wus, kařak
C29	ulas

---

 PO: lanj, mananj

*water* 190

C 1	Kare	ʒi:
C 2	Girawa	ʌ:n, ɔ:m
C 3	Munit	vā
C 4	Bemal	že
C 5	Sihan	vʌ
C 6	Gumalu	w :
C 7	Isebe	wagu
C 8	Amele	wʌ
C 9	Bau	wʌ
C10	Panım	wʌ
C11	Rapting	ze:
C12	Wamas	ʒi
C13	Samosa	zi:
C14	Murup1	ze
C15	Saruga	zi:
C16	Nake	di
C17	Mosimo	ʒi:
C18	Garus	že
C19	Yoidik	ilo:
C20	Remp1	že:, ne
C21	Bagup1	di
C22	Silop1	de
C23	Utu	ze
C24	Mawan	re
C25	Baimak	de
C26	Matep1	le
C27	Gal	le
C28	Garuh	le
C29	Kamba	le

---

PO: wai(r),  
ndanu(m) (*fresh water*)

*rain* 191

C 1	ʌna
C 2	om
C 3	vā:ne
C 4	že
C 5	vaneʌ
C 6	wʌ
C 7	wa
C 8	wʌ
C 9	wʌ
C10	wʌ
C11	oi
C12	vɔ
C13	vane
C14	au
C15	vana
C16	vʌ:
C17	vɔ
C18	au
C19	wʌ
C20	ʌvair
C21	wa
C22	va
C23	va
C24	gu
C25	gu
C26	wʌ
C27	gu:
C28	gu:
C29	gu

---

PO: qunsa(n), timu(R)

<i>*arrow</i> <sup>11</sup> 196b		
C 1	Kare	uŋgiΛra
C 2	Girawa	aʔir
C 3	Munit	haŋgΛ:r
C 4	Bemal	hagal
C 5	Sihan	ikir
C 6	Gumalu	igir
C 7	Isebe	igil
C 8	Amele	kamat
C 9	Bau	ikil
C10	Panım	gagΛd
C11	Rapting	dagΛy
C12	Wamas	Λ:gri
C13	Samosa	agri
C14	Murup1	Λgili
C15	Saruga	aguru
C16	Nake	yΛ:ru
C17	Mosimo	a:gli
C18	Garus	tagΛ
C19	Yoidik	dag i
C20	Remp1	daga
C21	Bagup1	Λ:gur
C22	Silop1	ΛgurΛg
C23	Utu	agur
C24	Mawan	Λ:guri
C25	Baimak	igir
C26	Matep1	agur
C27	Gal	hagur
C28	Garuh	dagΛl
C29	Kamba	dΛgΛl

<i>*arrow</i> 196a	
C 1	yΛ:nu
C 2	zet mu
C 3	kweli
C 4	dahap
C 5	sihor
C 6	sifor
C 7	tunΛg
C 8	suan
C 9	sifol
C10	dunΛg
C11	futu
C12	fotu:
C13	fotue
C14	fotua
C15	pana
C16	po:n
C17	fotu:
C18	hutu:
C19	futu:
C20	viř
C21	bon
C22	abo
C23	kwΛrʔ, avo
C24	awa
C25	
C26	auř
C27	awa
C28	usu
C29	auk

*arrow 196c			*arrow 196d		
C 1	Kare	ArIbu	C 1	duru:gu	
C 2	Girawa	sigAb	C 2	mo?ir	
C 3	Munit	guAr	C 3	mogir	
C 4	Bemal	žet	C 4	mogil	
C 5	Sihan	pA:r	C 5	makore, sihor	
C 6	Bumalu	pasin	C 6	makor	
C 7	Isebe	gaisibur	C 7	makor	
C 8	Amele		C 8	mokil?a	
C 9	Bau	usip	C 9	makor	
C10	Panin	kasIbul	C10	gamAt	
C11	Gumalu	bizer	C11	dibol	
C12	Wamas	pArI sama	C12	diwole	
C13	Samosa	bame	C13		
C14	Murupi	bA:ma	C14	tibora	
C15	Saruga	ba:ma	C15	pana	
C16	Nake	zama, sigum	C16	gogAy	
C17	Mosimo	bali, bAmu	C17	tibole	
C18	Garus	guam, sama	C18	diwol	
C19	Yoidik	goAm	C19	dibol, ragAt	
C20	Rempi	babař	C20		
C21	Bagupi	sigum	C21	bon mogArmerup	
C22	Silopi	pAr masAn	C22	mogAr	
C23	Utu	par	C23	mogAr	
C24	Mawan	fahin	C24	kApok	
C25	Baimak	fasin	C25	awa makor	
C26	Matepi	sigum	C26	kuřumuk	
C27	Gal	sigum	C27		
C28	Garuh	higum	C28		
C29	Kamba	sigum	C29	kargAt	

<i>*spear</i> 197a			<i>*spear (fish spear)</i> 197b		
C 1	Kare	ba:na, saɣa	C 1	ba:na	
C 2	Girawa	maray	C 2	maray	
C 3	Munit	hanɛ	C 3	hanɛ	
C 4	Bemal	malay, hagai	C 4	malay	
C 5	Sihan	han	C 5	han	
C 6	Gumalu		C 6	fan	
C 7	Isebe	taga	C 7	taga	
C 8	Amele	sawɔ	C 8	sawɔ, sawɔ	
C 9	Bau	fan	C 9	fan	
C10	Panin		C10	fan	
C11	Rapting	ban	C11	ban	
C12	Wamas	tawɔ:ni, waya	C12	tawɔ:ni	
C13	Samosa		C13	tavani	
C14	Murupi	wamaru, bisaga	C14	wamaru	
C15	Saruga	fana	C15	fana	
C16	Nake	fan	C16	fan	
C17	Mosimo	tabani	C17	tabani	
C18	Garus	tawoin, taga	C18	tawoin, taga	
C19	Yoidik	dawa	C19	dawa	
C20	Remp	daga	C20	ta:vam	
C21	Bagupi	fon, ma:n	C21	fon	
C22	Silopi		C22	davoug	
C23	Utu	fon	C23	fon	
C24	Mawan	fan	C24	fan	
C25	Baimak	tuti	C25	fan	
C26	Matepi	fon	C26	fon	
C27	Gal	aur, tutui	C27		
C28	Garuh	ban, palpal	C28	ban	
C29	Kamba	fan, daga	C29	fan	

*\*axe (stone)* 198a

C 1	Kare	tʌ:bə
C 2	Girawa	mʌ:n
C 3	Munit	musi mana, mɛu mana
C 4	Bemal	mʌn
C 5	Sihan	mana
C 6	Gumalu	manau
C 7	Isebe	manu
C 8	Amele	mana
C 9	Bau	safor
C10	Panım	mɛn manu
C11	Rapting	tau
C12	Wamas	matau
C13	Samosa	tau
C14	Murupi	taba, mataba
C15	Saruga	makarai
C16	Nake	mʌ:taw
C17	Mosimo	matau
C18	Garus	balot
C19	Yoidik	talal, t u
C20	Rempi	kaʔi
C21	Bagupi	?i tob
C22	Silopi	tou
C23	Utu	matou
C24	Mawan	matab
C25	Baimak	sadut
C26	Matepi	sapor tov
C27	Gal	tau
C28	Garuh	sao, mah huey
C29	Kamba	bʌ:ʔ tu

*\*axe (iron)* 198b

C 1	tʌ:bə
C 2	
C 3	sapor
C 4	sapor
C 5	safora
C 6	sapor
C 7	manu
C 8	sapol
C 9	sapol
C10	manu
C11	kalki
C12	kariki
C13	
C14	karkis
C15	tawa
C16	ta:b, kalaki
C17	kalgı
C18	taleil
C19	kalkis
C20	kaikis
C21	tob
C22	sapor
C23	sapor, tou
C24	sapor
C25	sapol
C26	sapor
C27	sapor
C28	kalkih
C29	palangis

---

 PO: kiRam



*\*bow* 199

C 1	Kare	ε:raw
C 2	Girawa	p <sup>h</sup> uri
C 3	Munit	paraʔu
C 4	Bemal	kem
C 5	Sihan	pari
C 6	Gumalu	bali
C 7	Isebe	bari
C 8	Amele	pali
C 9	Bau	pari
C10	Panim	bali
C11	Rapting	zit
C12	Wamas	ʃehine
C13	Samosa	zesine
C14	Murupi	zehina
C15	Saruga	zeina
C16	Nake	ʒat
C17	Mosimo	yihini
C18	Garus	ʒit
C19	Yoidik	ʒit
C20	Remp1	zait
C21	Bagupi	ʒat
C22	Silopi	dein
C23	Utu	ʒe:in
C24	Mawan	re:ina
C25	Balmak	rein
C26	Matepi	lein
C27	Gal	lein
C28	Garuh	las
C29	Kamba	lesən

*\*rope (of bow)* 200

C 1	iεra
C 2	orəm
C 3	εlaʔ
C 4	ɔl
C 5	ɔrʌ
C 6	ɔr
C 7	ɔ:l
C 8	o:l
C 9	ɔl
C10	ol
C11	ɔl
C12	kɔ:re
C13	koru
C14	ɔlu
C15	oru
C16	ɔ:r
C17	kol
C18	ɔ:l
C19	ɔl
C20	ʔɔl
C21	ɔ:r
C22	ɔr
C23	o:r
C24	or
C25	ol
C26	ɔř
C27	ɔř
C28	hɛu
C29	kɔ:r

*\*comb* 203

C 1	Kare	tangΛ:rina
C 2	Girawa	sarΛt
C 3	Munit	tambΛ:r
C 4	Bemal	salat
C 5	Sihan	sakahu
C 6	Gumalu	agΛr
C 7	Isebe	sagΛf
C 8	Amele	sagaʔ, tup
C 9	Bau	sakΛf
C10	Panim	sagΛf

C11	Rapting	ala
C12	Wamas	karahai
C13	Samosa	korosay
C14	Murupi	hagΛlina
C15	Saruga	agarina
C16	Nake	agarin
C17	Mosimo	kalahay
C18	Garus	alΛh
C19	Yoidik	aras
C20	Remp1	Λras
C21	Bagupi	agarin
C22	Silopi	Λgin
C23	Utu	a:gin
C24	Mawan	agΛra
C25	Baimak	agΛr
C26	Matepi	agΛʔa
C27	Gal	agar
C28	Garuh	di:n
C29	Kamba	din

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 PO: (?) sa(dr)u
*\*grass skirt* 204

C 1	gegura
C 2	nə:p
C 3	nabiʔ
C 4	ne:b
C 5	hΛk
C 6	hΛ:k
C 7	hag
C 8	sa:k
C 9	hΛ:k
C10	hΛg

C11	gawar
C12	gegure
C13	gegure
C14	gogura
C15	gogura
C16	gugur
C17	gugule, gavΛie
C18	babut
C19	gabΛʔ
C20	pΛbuk
C21	goguʔ
C22	kogur
C23	na:p
C24	nΛ:p
C25	siram
C26	moud, gogur
C27	siram
C28	halap
C29	erΛm

---

 PO: (?) tipi

*\*G-string* 205

C 1 Kare bomora

C 2 Girawa pə:m

C 3 Munit kurlg

C 4 Bemal ba:m

C 5 Sihan pʌ:m

C 6 Gumalu pʌm

C 7 Isebe bam

C 8 Amele bam

C 9 Bau pʌm

C10 Panim bʌm

C11 Raptig baim

C12 Wamas bʌ:m

C13 Samosa bʌ:mi

C14 Murupi mʌi

C15 Saruga ba:me

C16 Nake ba:m

C17 Mosimo bʌ:m

C18 Garus baim

C19 Yoidik bəm

C20 Remp1 bʌim

C21 Bagupi bʌ:m

C22 Silopi pʌ:m

C23 Utu ba:m

C24 Mawan bam

C25 Baimak bam

C26 Matepi b m

C27 Gal bam

C28 Garuh balm

C29 Kamba bam

*\*loincloth*<sup>12</sup> 213

C 1 kiburandʌ:ru

C 2 pə:m

C 3 doton

C 4 doton

C 5 doton

C 6 loto

C 7 yoto

C 8 loto?

C 9 loto

C10 zameɪ

C11 zameɪ

C12 tibur gara

C13 tivur garana

C14 tibuɾ garawu

C15 tiwur gara

C16 tibur gare, namɪ

C17 tibur gara

C18 zameɪ

C19 yameɪ

C20 tibut gaɾa

C21 tiwur garɛn

C22 tibur kara

C23 tiwur gara

C24 ro:to

C25 loto

C26

C27 lamɛn

C28 sibut garau

C29 lameɪ

PO: malo (man's apron)

\*basket 214

C 1	Kare	
C 2	Girawa	
C 3	Munit	gama
C 4	Bemal	
C 5	Sihan	kΛ:m
C 6	Gumalu	gΛm
C 7	Isebe	gam
C 8	Amele	kalɛl
C 9	Bau	gam
C10	Panim	gΛm
C11	Rapting	gam
C12	Wamas	zareg
C13	Samosa	
C14	Murupi	gΛ:m
C15	Saruga	tɛliga
C16	Nake	gΛ:m, kalo:g
C17	Mosimo	gΛm
C18	Garus	gΛm
C19	Yoidik	gΛ:m
C20	Remp1	kaldo
C21	Bagupi	gΛ:m
C22	Silopi	kalɛg
C23	Utu	
C24	Mawan	gΛm
C25	Baimak	kΛm
C26	Matepi	kalɛg
C27	Gal	kalɛg
C28	Garuh	
C29	Kamba	kaileg

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PO: kato, kete

*\*hand drum 206*

C 1	Kare	kʌsua
C 2	Girawa	mbʌʔ
C 3	Munit	baŋgu
C 4	Bemal	wa:g
C 5	Sihan	aiva
C 6	Gumalu	ahiɓ
C 7	Isebe	aheu
C 8	Amele	asu
C 9	Bau	ahiu
C10	Panim	ahiv
C11	Rapting	asu
C12	Wamas	kahu:
C13	Samosa	kausɛ
C14	Murupi	ahua
C15	Saruga	aua
C16	Nake	aua
C17	Mosimo	kahu
C18	Garus	asu
C19	Yoidik	asu
C20	Remp1	ʌsu
C21	Bagupi	ou
C22	Silopi	ɛu
C23	Utu	ɛu
C24	Mawan	ʔaiwa
C25	Baimak	a:iv
C26	Matepi	ʔou
C27	Gal	aip
C28	Garuh	ahiu
C29	Kamba	kʌsi

*\*signal drum 207*

C 1	diʌmba
C 2	ʔanam
C 3	gʌii
C 4	air
C 5	mɛ:b
C 6	mɛp
C 7	giram
C 8	gilem
C 9	mɛb, giram
C10	silʌm
C11	gilam
C12	zezeri
C13	dom
C14	gilʌ:m
C15	gilama
C16	so
C17	yieli
C18	gilʌm
C19	ɛpmu
C20	gi:lam
C21	gilʌm
C22	giram
C23	girom
C24	dugum
C25	mɛp
C26	gilom
C27	duh
C28	dɔ
C29	giram

*\*wooden plate* 209

C 1	Kare	soika
C 2	Girawa	maro
C 3	Munit	he:i
C 4	Bemal	tɛbil
C 5	Sihan	hɛ:
C 6	Gumalu	fɛni
C 7	Isebe	wɛs
C 8	Amele	po
C 9	Bau	vɛs
C10	Panlm	bəs
C11	Rapting	tawil
C12	Wamas	tʌ:bile
C13	Samosa	fai, tavireu
C14	Murupi	tʌbir
C15	Saruga	tawira
C16	Nake	tʌvil
C17	Mosimo	tʌ:bele
C18	Garus	gʌ:p, tavil
C19	Yoidik	dabir
C20	Remp1	tʌ:wur
C21	Bagupi	tabil
C22	Silopi	tabir
C23	Utu	tavir
C24	Mawan	tʌbir
C25	Balmak	fa:s
C26	Matepi	tavil
C27	Gal	tawir
C28	Garuh	sabiř
C29	Kamba	tʌvir

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 PO: kumete
*\*saucepan (clay pot)* 210

C 1	yʌgʌ:sa
C 2	mis
C 3	mihã
C 4	mis
C 5	mi:s
C 6	awʌl
C 7	fa:r
C 8	hal
C 9	awʌl, fal
C10	fal
C11	wa?
C12	wʌ:
C13	vage
C14	vʌ
C15	awɔra
C16	wʌ
C17	vahili
C18	vʌ?
C19	wʌ?, ugum
C20	valim
C21	awɔr
C22	avɔr
C23	abɔr
C24	awʌr
C25	waʌl
C26	avor
C27	hina
C28	wʌ henay
C29	sine wa

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 PO: kudon

*\*knife* 208

C 1	Kare	inΛsa
C 2	Girawa	sɪlɐp
C 3	Munit	basin
C 4	Bemal	ʒiŋg
C 5	Sihan	pasin
C 6	Gumalu	pasin
C 7	Isebe	basin
C 8	Amele	sigin, sinike
C 9	Bau	pasin
C10	Panin	basin

C11	Rapting	kana
C12	Wamas	kana
C13	Samosa	kana
C14	Murupi	kana, bΛ:b
C15	Saruga	bawa
C16	Nake	isina
C17	Mosimo	kana
C18	Garus	inΛ:
C19	Yoidik	ina?
C20	Rempi	inΛ?
C21	Bagupi	isina
C22	Silopi	ina
C23	Utu	ina, wambon
C24	Mawan	ina
C25	Balmak	fasin
C26	Matepi	ina
C27	Gal	pasin, yap
C28	Garuh	bi:p
C29	Kamba	barin

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PO:            sele

*\*netbag* 212

C 1	yu:
C 2	zɔ:
C 3	tse:le
C 4	sɔ
C 5	dɔ:r
C 6	lɔli
C 7	yol
C 8	yol
C 9	ro:r
C10	zol

C11	zau
C12	ʒɔ
C13	zo
C14	zo
C15	zo
C16	yo
C17	jo
C18	ʒΛ:
C19	yau
C20	zaw
C21	yo
C22	do
C23	zo
C24	lo
C25	lo
C26	lo
C27	lɔ
C28	lo
C29	lo

## one 215

C 1	Kare	sumbramba
C 2	Girawa	ʔara(r)
C 3	Munit	tɛtaʔʌt
C 4	Bemal	tudʌk
C 5	Sihan	oraʔit
C 6	Gumalu	olaʔie
C 7	Isebe	orofan
C 8	Amele	osol, leis
C 9	Bau	osah
C10	Panim	holofar
C11	Rapting	yeuta
C12	Wamas	nonogota
C13	Samosa	no:tate
C14	Murupi	nunugata
C15	Saruga	nunugata
C16	Nake	ɣʌhu
C17	Mosimo	nonotʌ
C18	Garus	imte
C19	Yoidik	yaʔta
C20	Rempi	atʌl
C21	Bagupi	nunuga
C22	Silopi	ozeɣen
C23	Utu	oisak
C24	Mawan	oripigʌ:g
C25	Baimak	oiraf
C26	Matepi	olog
C27	Gal	oti
C28	Garuh	labu
C29	Kamba	usif

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 PO: ta, ta(n)sa

## two 216

C 1	iridigi
C 2	oiror
C 3	eta
C 4	ʌ:riʌʔ
C 5	erit
C 6	erit
C 7	eris
C 8	leis
C 9	eris
C10	elis
C11	aliʔliʔ
C12	ʌritʌ
C13	arigita(tɛ)
C14	ʌliɛta
C15	areta
C16	ʌriay
C17	alita
C18	ailte
C19	yɛl, ail
C20	air
C21	barʌrtɛk
C22	berɛtek
C23	bʔɛtek
C24	kwaʌ:ra
C25	a:rit
C26	wɛʌʔ
C27	arit
C28	aʔis
C29	ʌrit

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 PO: dua



*bad* 221

C 1	Kare	naugu
C 2	Girawa	aru
C 3	Munit	aru
C 4	Bemal	ε:gu
C 5	Sihan	Λ:ru
C 6	Gumalu	Λ:lu
C 7	Isebe	mu?pe
C 8	Amele	mε?pe?
C 9	Bau	mu?pe
C10	Panim	mube
C11	Rapting	na?
C12	Wamas	nΛ:
C13	Samosa	na:
C14	Murup1	nau
C15	Saruga	na:u
C16	Nake	nau
C17	Mosimo	nΛ:
C18	Garus	nou
C19	Yoidik	na?
C20	Remp1	na?
C21	Bagop1	o:li
C22	Silop1	nΛ
C23	Utu	na:
C24	Mawan	nau
C25	Baimak	nau, nub
C26	Matep1	nau
C27	Gal	nΛu
C28	Garuh	nou
C29	Kamba	nau

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 PO: (n)saqat
*good* 220

C 1	kesa
C 2	omzu
C 3	mεu
C 4	naliu
C 5	mε:ba?in
C 6	mεu, εbor
C 7	mu
C 8	mε, haun
C 9	mu?pahin
C10	mu
C11	iwu, zu:r
C12	teiwotΛ, kia:gi
C13	teiva
C14	ibua, wΛ:lu
C15	zε:nu, waru
C16	inau, wΛ:ru
C17	teiwota
C18	dolpi
C19	næ:li?, næi
C20	nail?, lugu?pi
C21	ilu, waru
C22	porup
C23	borup
C24	nua:, wΛ:ru
C25	εbor, nu, ioyma
C26	nu
C27	nun, fau
C28	inau
C29	kena

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 PO: pia

*big* 224

C 1	Kare	mi:gi
C 2	Girawa	mɛwɛo
C 3	Munit	bɛlɛp
C 4	Bemal	bano
C 5	Sihan	bɛ:non
C 6	Gumalu	pɛnota
C 7	Isebe	bɛ:n
C 8	Amele	pɛ:n
C 9	Bau	bɛ:n
C10	Panim	bɛn
C11	Rapting	wogay
C12	Wamas	mɛ
C13	Samosa	mɛ
C14	Murupi	ɛmɛ
C15	Saruga	ɛmɛ
C16	Nake	ɛmɛ
C17	Mosimo	mɛtakʌi
C18	Garus	busaʔ
C19	Yoidik	busaʔ
C20	Rempi	ayauk
C21	Bagupi	ɛmɛ
C22	Silopi	ma:na
C23	Utu	mɛna
C24	Mawan	mɛ
C25	Baimak	mɛ:u
C26	Matepi	mɛ
C27	Gal	inʌn
C28	Garuh	na:ʔlv
C29	Kamba	nʌri

*small* 225

C 1	naganda
C 2	ɛtɛinaʔ
C 3	isika
C 4	ginʌbɛt
C 5	naʔak
C 6	naʔʌk
C 7	naʔʌg
C 8	nʌ:k
C 9	naʔʌk
C10	naʔʌg
C11	na:gale
C12	nʌhɛta
C13	naʔgu
C14	nʌ:gu, nubata
C15	uhu
C16	uhʌ:g
C17	ʌtata
C18	nʌlkala
C19	nʌ:la
C20	naʊgeɛ, katɛtɛ
C21	uhnʌg
C22	nʌ:nag
C23	nanʌk
C24	nʌ:gri
C25	na:g
C26	nʌg, nagarup
C27	nʌna
C28	nakok, nauk
C29	nakok

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PO: (ʔ) lapa

	<i>dirty</i>	222
C 1	Kare	dungazizi
C 2	Girawa	u?un
C 3	Munit	Λrume?
C 4	Bemal	
C 5	Sihan	gegehin
C 6	Gumalu	tutufu
C 7	Isebe	gegehini
C 8	Amele	kekehin
C 9	Bau	kekehin
C10	Panim	gegehin
C11	Rapting	lug
C12	Wamas	duge horor
C13	Samosa	duruga:va
C14	Murupi	duga(ta)
C15	Saruga	duga
C16	Nake	duburi?
C17	Mosimo	du:ge
C18	Garus	luglu:ga
C19	Yoidik	luglugu?pa
C20	Remp1	lugu?i
C21	Bagup1	dug
C22	Silipi	ewu
C23	Utu	du:in
C24	Mawan	duhuhu
C25	Baimak	tutufu
C26	Matepi	duha
C27	Gal	dursi
C28	Garuh	dubdi:t
C29	Kamba	dufrifi

	<i>black</i>	226
C 1	sugumbaba	
C 2	?urum	
C 3	unguri?, undu	
C 4	mutuanau	
C 5	ukuri	
C 6	gugu?	
C 7	gagatuni	
C 8	as, utuw	
C 9	olis?ai, utu	
C10	gagatu	
C11	pamu?	
C12	pamu	
C13	done	
C14	pamu, dugata	
C15	du:gata	
C16	pΛ:mu	
C17	pΛ:mu	
C18	fæsi?	
C19	fæsi?	
C20	taroa?	
C21	pamu	
C22	kΛ:tutu	
C23	maup	
C24	gugur	
C25	gugu?	
C26	katutu, gugurε	
C27	katut	
C28	pamu	
C29	geremu	

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PO: (?) loaloe

*red* 227

C 1	Kare	urauroga
C 2	Girawa	osou
C 3	Munit	eda
C 4	Bemal	εpe?uwa
C 5	Sihan	ε:da?
C 6	Gumalu	logau
C 7	Isebe	yogani
C 8	Amele	kol'a
C 9	Bau	rok'ai
C10	Panim	zoga'ai
C11	Rapting	kokola
C12	Wamas	tita
C13	Samosa	titag
C14	Murupi	tita
C15	Saruga	ti:ta
C16	Nake	ti:gay
C17	Mosimo	tiholo
C18	Garus	arouk
C19	Yoidik	kaka?
C20	Remp1	kukola
C21	Bagupi	titek
C22	Silopi	ti:tek
C23	Utu	εpar
C24	Mawan	ara
C25	Baimak	momokau
C26	Matepi	ti:nteg
C27	Gal	tihene
C28	Garuh	kokol
C29	Kamba	karag

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 PO: meRa
*white* 228

C 1	uyasi
C 2	ausiu
C 3	aup, pahahika
C 4	ausia
C 5	seneneka
C 6	yasiu
C 7	aub
C 8	senene
C 9	senene, yalsi
C10	oup
C11	izegi
C12	kiλ:gi
C13	gea:gi
C14	wλ:lu
C15	wa:ru
C16	vλ:ru
C17	kiλgi
C18	yaka?
C19	sasara
C20	sarsare
C21	wliu
C22	iλ:g
C23	iλ:g
C24	ya:k, to:gop
C25	pi:u
C26	γλ:g, avahau
C27	γλg
C28	kapkap
C29	sagλf

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 PO: pula(n), (?) puti

<i>yellow</i>	299	<i>green</i>	230
C 1 Kare	kasana	C 1 kisuwongasingi	
C 2 Girawa	zanou	C 2 ablu	
C 3 Munit	dane	C 3 araga	
C 4 Bemal	baida	C 4 u?bia	
C 5 Sihan	da:n	C 5	
C 6 Gumalu	lanai	C 6 bi:b	
C 7 Isebe	zan:ni	C 7 kakatuni	
C 8 Amele	za:n?a	C 8 etchmahanate	
C 9 Bau	lan?a	C 9 at?iba	
C10 Panim	yan	C10 as?ia	
C11 Raptng	maili, marmaru	C11 iaweru	
C12 Wamas	sohobere	C12	
C13 Samosa	kumugum	C13	
C14 Murupi	ahanata	C14 auiesa	
C15 Saruga	ahana bepa	C15 ara vaha	
C16 Nake	yan	C16 iavch	
C17 Mosimo	gahene	C17 bobre	
C18 Garus	malila	C18 iavera	
C19 Yoidik	maila?	C19 rawedi	
C20 Remp1	yaqa	C20	
C21 Bagupi	eseng	C21 waru	
C22 Silopi	asinag	C22	
C23 Utu	asinag	C23 ezok	
C24 Mawan	ahinaga	C24 aripe	
C25 Baimak	danou	C25	
C26 Matepi	asinag	C26 arip	
C27 Gal	lan:nene	C27 a:rip	
C28 Garuh	lain	C28 aduf	
C29 Kamba	lanian	C29 lanfau	
<hr/> PO: (y)ano(y)ano		<hr/> PO: (mata)kadawa	

*full* 234

C 1	Kare	omɔŋgasima
C 2	Girawa	ouʔpɛ-
C 3	Munit	ɛ:sɛ
C 4	Bemal	kam-
C 5	Sihan	ʔoʔaran, ʔosuan
C 6	Gumalu	ambeha
C 7	Isebe	arepi-
C 8	Amele	alibe-, ampe
C 9	Bau	arepɛ-
C10	Panim	alebea
C11	Rapting	amba-
C12	Wamas	ʌ:mug how
C13	Samosa	amug ɛso, kakiga
C14	Murupi	ekakia-
C15	Saruga	kaki ʌ(n)-
C16	Nake	aupɛ-
C17	Mosimo	amug uhu-
C18	Garus	ohobe
C19	Yoidik	agab
C20	Remp1	ambɛn
C21	Bagup1	aupɛ-
C22	Silopi	ʌ:msom
C23	Utu	ambzo-
C24	Mawan	ambe-
C25	Balmak	ambe-
C26	Matepi	am so-
C27	Gal	ʌmbɛ-
C28	Garuh	ambium
C29	Kamba	ambe

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PO:                   ponu(q)

*empty* 235

C 1	thamʌnden- (v)
C 2	usʌʔ
C 3	
C 4	sʌ:g
C 5	be:ʔye
C 6	gaulbira
C 7	nibe
C 8	danʌʔ
C 9	kaulpil-
C10	utʌm
C11	seidʌr
C12	saita
C13	saida
C14	hai dʌram
C15	sai da-
C16	agaru, ira
C17	haida
C18	seiʔ
C19	tamdaem
C20	suman
C21	agulu
C22	tonogom
C23	tonogu-
C24	gaur-
C25	nubiti
C26	bitug
C27	tanʌg
C28	hamudidio
C29	tʌgu

*hot* 236

C 1	Kare	kiki(a)- (v)
C 2	Girawa	sopo
C 3	Munit	dani
C 4	Bemal	sabeu
C 5	Sihan	dain
C 6	Gumalu	dulin
C 7	Isebe	daini
C 8	Amele	tain?
C 9	Bau	tain?a
C10	Panim	dainai
C11	Rapting	garare?pa, zale?pa
C12	Wamas	arΛΛ
C13	Samosa	arafo
C14	Murupi	arΛ:ta
C15	Saruga	upata
C16	Nake	gΛgurup
C17	Mosimo	alafu
C18	Garus	ala?
C19	Yoidik	dΛbak
C20	Rempi	dawuk
C21	Bagupi	imΛg tek
C22	Silopi	imΛ:g, kwakwa?a
C23	Utu	imΛ:g
C24	Mawan	aimΛ:g
C25	Balmak	durinou
C26	Matepi	im :g
C27	Gal	ariri-
C28	Garuh	gagařaw
C29	Kamba	gagere

*cold* 237

C 1	engamongu- (v)
C 2	namlu
C 3	utig, nu- (v)
C 4	ubug
C 5	mahoan
C 6	aipε
C 7	?aseu
C 8	asoi-, tuwan
C 9	aipε
C10	duanti
C11	susu?
C12	suhu, pau
C13	sosopo
C14	susu, dahugu
C15	ouma-
C16	daru
C17	suwo
C18	viti:k
C19	ute:k
C20	wi taok
C21	daruh
C22	uhΛgum
C23	ufΛg
C24	orep
C25	aipete
C26	ohug
C27	oug mε-
C28	dada waw
C29	aug

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PO: ( ? ) kasa, mapana

	<i>sharp</i> <sup>13</sup>	248
C 1	Kare	ugʌbu
C 2	Girawa	auʔ
C 3	Munit	aigu
C 4	Bemal	ʌig
C 5	Sihan	ʌiʔwɛʔ
C 6	Gumalu	aʔi
C 7	Isebe	aig ni
C 8	Amele	aikʔa
C 9	Bau	aʔiʔa
C10	Pandm	aigʔai
C11	Rapting	aʔag(ba)
C12	Wamas	ʌ:guta:
C13	Samosa	a:gota
C14	Murupi	aʔʌguta
C15	Saruga	auguta-
C16	Nake	augay
C17	Mosimo	a:guta
C18	Garus	tiik
C19	Yoidik	ʌ:g pa
C20	Remp1	aʔau
C21	Bagupi	augu
C22	Silopi	ʌuk tek
C23	Utu	aug
C24	Mawan	aug
C25	Baimak	a:g unou
C26	Matepi	autɛg
C27	Gal	aug ɛnɛ
C28	Garuh	ayug
C29	Kamba	ole

	<i>heavy</i>	238
C 1	kuwuga	
C 2	uhu	
C 3	uʔʌru	
C 4	uhu	
C 5	urumɛn	
C 6	urumɛn	
C 7	urumɛ:nɪ	
C 8	ulumɛ:n	
C 9	ulumɛ:n	
C10	ulumɛ:n	

C11	uhuʔ
C12	ku:a
C13	kuga
C14	ʔua
C15	uvoumo
C16	ʔu:g
C17	kuomu
C18	uhuʔ
C19	uhuʔ
C20	uhuʔ
C21	ubau
C22	unʌ:
C23	una
C24	u:
C25	u:nou
C26	uwahau
C27	uguh
C28	wug
C29	kug

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PO: (ma)mapa, (?) (m)pita



<i>long</i>	240	<i>short</i>	241
C 1	Kare	duwungu	C 1 utupa
C 2	Girawa	besel	C 2 oto?
C 3	Munit	biʌ:tbi	C 3 kotin, enig
C 4	Bemal	huyaw	C 4 hogu
C 5	Sihan	εʔεra	C 5 kotin
C 6	Gumalu	elak	C 6 kofiu
C 7	Isebe	εʔeru	C 7 bafu
C 8	Amele	ela?	C 8 kofi?
C 9	Bau	ʔεʔεra	C 9 kofi, tutu
C10	Panim	εʔelu	C10 gohi
C11	Rapting	vail	C11 tutu
C12	Wamas	wouta	C12 tu:
C13	Samosa	vougu	C13 atuku
C14	Murupi	wau	C14 utu
C15	Saruga	tari:hu	C15 utu
C16	Nake	tarih	C16 tutu
C17	Mosimo	wau	C17 tu
C18	Garus	voi?	C18 tu:
C19	Yoidik	kabai	C19 duini?
C20	Rempi	wei? nana	C20 tutu
C21	Bagupi	gurup(me)	C21 tutu
C22	Silopi	durug	C22 tutapʌ:g
C23	Utu	duru:g	C23 omʌtu
C24	Mawan	duru:g	C24 tu:
C25	Baimak	wara	C25 kofi, pahu
C26	Matepi	durug	C26 tutu
C27	Gal	durug	C27 tutu
C28	Garuh	ila:p	C28 susu, suba:p
C29	Kamba	welʌf	C29 kutuf

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PO: lawas, mapalap(au)

*many* 242

C 1	Kare	ipɛngu
C 2	Girawa	sosɔp
C 3	Munit	aru
C 4	Bemal	asiuw
C 5	Sihan	aroʔp ʔin
C 6	Gumalu	kenebe
C 7	Isebe	kurum
C 8	Amele	matl
C 9	Bau	matiʔa
C10	Panim	kulum
C11	Raptɪŋ	agen
C12	Wamas	kageni, waglɛ
C13	Samosa	kageni
C14	Murupi	agen
C15	Saruga	ageni
C16	Nake	agen
C17	Mosimo	kagen
C18	Garus	aubusaʔ
C19	Yoidik	naʔpa
C20	Rempi	ɛlaʔ
C21	Bagupi	agen
C22	Silopi	amɔna
C23	Utu	kwait
C24	Mawan	kwait
C25	Balmak	kɛnɛ:bi
C26	Matepi	pait
C27	Gal	kurum
C28	Garuh	kurum
C29	Kamba	kurum

*few* 243

C 1	angandi
C 2	ʔarauʔ
C 3	to:t
C 4	ipal
C 5	tunuʔ
C 6	oteʔat
C 7	ganifʌdi
C 8	leis
C 9	kanlf
C10	ganif
C11	fuga
C12	foga
C13	asaka
C14	pahl
C15	egore
C16	vate
C17	foga
C18	huga:
C19	fo:g
C20	hoguʔ
C21	wate
C22	ego:
C23	osagosag
C24	olloile
C25	oiroil
C26	
C27	lau
C28	laulau
C29	laus

<i>new</i> 244			<i>old (of objects)</i> 245		
C 1	Kare	gasigi	C 1	dεwεku	
C 2	Girawa	awΛu	C 2	matεn	
C 3	Munit	εra?	C 3	bεiεun	
C 4	Bemal	awaw	C 4	muæ	
C 5	Sihan	εrΛ?	C 5	si:ru	
C 6	Gumalu	εrau	C 6	si:r	
C 7	Isebe	faun	C 7	wεlude	
C 8	Amele	haun	C 8	hiia	
C 9	Bau	biide	C 9	wεrote	
C10	Panim	faun, eyeba	C10	wεlude	
C11	Rapting	zu:ro	C11	matua	
C12	Wamas	vouva, kauta	C12	gedeme	
C13	Samosa	vuga, kaugu	C13	gεrεmε	
C14	Murupi	ofua	C14	girama	
C15	Saruga	azεgu, zoi	C15	dε:hu	
C16	Nake	yara, auwε	C16	ayΛg, faumεu	
C17	Mosimo	kauta	C17	deu	
C18	Garus	aze?	C18	hare	
C19	Yoidik	awe?	C19	wagame, ahade?	
C20	Rempi	awe?	C20	wogame, beie?	
C21	Bagupi	γΛra	C21	amahoro, εyak	
C22	Silopi	zɔr, εroug	C22	teun	
C23	Utu	εzog	C23	εgεrmΛla	
C24	Mawan	yar, roug	C24	deu, matuma	
C25	Balmak	yoimay	C25	sir	
C26	Matepi	yor	C26	iΛg, varuma	
C27	Gal	fau	C27	aiΛg	
C28	Garuh	bou	C28	alauk	
C29	Kamba	faug	C29	aiΛg	

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PO: paqoRu

*straight* 250

C 1	Kare	tubukiΛ:ka
C 2	Girawa	tuʔu
C 3	Munit	tugu
C 4	Bemal	tu:gi anaw
C 5	Sihan	tutu
C 6	Gumalu	tutu
C 7	Isebe	t <sup>h</sup> ut <sup>h</sup> uadi
C 8	Amele	tutuʔ
C 9	Bau	tutuh
C10	Panim	tutuadi
C11	Rapting	turuk
C12	Wamas	mua
C13	Samosa	varo
C14	Murupi	ibua
C15	Saruga	iva
C16	Nake	turugu
C17	Mosimo	tumtumu
C18	Garus	dolpi
C19	Yoidik	səkΛʔ
C20	Rempi	tidoɔ
C21	Bagupi	atebahe, orovΛk
C22	Silopi	pi eyom
C23	Utu	feferal
C24	Mawan	korɔr
C25	Balmak	korɔr
C26	Matepi	korɔʔ
C27	Gal	korɔr
C28	Garuh	sutgu
C29	Kamba	mangu

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 PO: ntonu, dusu(k)
*crooked* 251

C 1	paroreba
C 2	əpəin-
C 3	eba-
C 4	iluanaw
C 5	okokeka
C 6	epieu
C 7	ogogeou
C 8	okoke
C 9	okoke
C10	ogogeou
C11	kameli
C12	paivata
C13	na:mo
C14	paiwata, epalagΛta
C15	epilagupata
C16	epɛp ai
C17	karota
C18	gagəh
C19	kameri
C20	kameri
C21	epɛp tɛk
C22	eyom
C23	epinup
C24	ewayep
C25	epiɛp, oforeo
C26	epip
C27	epiɛp
C28	
C29	meriak

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 PO: piko

<i>wet</i> <sup>14</sup>	252
C 1 Kare	Ži wuma
C 2 Girawa	
C 3 Munit	baguΛru
C 4 Bemal	εnεw
C 5 Sihan	wa:mean
C 6 Gumalu	dεhuno
C 7 Isebe	bahu
C 8 Amele	wa?a
C 9 Bau	lε hu?ai
C10 Panim	se?εleu
C11 Raptiŋg	ze:ba
C12 Wanas	Ži tau
C13 Samosa	Ži zaguru
C14 Murupi	ze tamεu
C15 Saruga	botokia(n)-
C16 Nake	fau
C17 Mosimo	Žε ta
C18 Garus	luglug
C19 Yoidik	Že:pa
C20 Remp1	bure?, sasaŋa
C21 Bagupi	fauro-, faume-
C22 Silopi	de:ntek
C23 Utu	ze:n
C24 Mawan	lcha
C25 Baimak	dεu
C26 Matepi	lch
C27 Gal	lch itu
C28 Garuh	kabkab
C29 Kamba	baurak

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PO: (?) mada, suRu(q)

<i>dry</i>	253
C 1 gararΛma, aprakiama	
C 2 ai-	
C 3 guanΛr-	
C 4 sagaw	
C 5 kororean	
C 6 gorote	
C 7 me?εg mi-	
C 8 Λmiye-, sahawe-	
C 9 sahawa	
C10 kakΛneu	
C11 sa:kε	
C12 moΛmau	
C13 mau, giagifu	
C14 mau, zaga	
C15 mau-	
C16 isiho-	
C17 sa:gu	
C18 za:ge	
C19 ŽesΛ:ga	
C20 mΛ? saŋen	
C21 isihe-	
C22 arara aum	
C23 arara(wa)	
C24 mau (kweia)	
C25 maupm -	
C26 moub	
C27 me:g	
C28 hadaiřum	
C29 meir-	

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PO: ma(n)sa (of liquid)

<i>ripe</i> 246		
C 1	Kare	abɿ:ra
C 2	Girawa	horɛ
C 3	Munit	bi:ba
C 4	Bemal	ɛpɛw
C 5	Sihan	bi:wa
C 6	Gumalu	mɛʔɛk
C 7	Isebe	bu
C 8	Amele	pi:b
C 9	Bau	piu
C10	Panim	bu:
C11	Rapting	bɛla
C12	Wamas	bɛlɛ
C13	Samosa	bɛru
C14	Murupi	bɛla
C15	Saruga	ɬɿ:ru
C16	Nake	wɿru
C17	Mosimo	bɛlɛ
C18	Garus	bɛlaʔ
C19	Yoidik	taguʔ
C20	Rempi	douʔ
C21	Bagupi	wɿlu
C22	Silopi	ɛpɿ
C23	Utu	ɛpɿ
C24	Mawan	orɛp
C25	Baimak	piu
C26	Matepi	lɛpɿ
C27	Gal	biu
C28	Garuh	dau
C29	Kamba	lɛpmɛ-

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 PO: (ʔ) mada

<i>hungry</i> 260	
C 1	kinanga mai0
C 2	sou bɛ-
C 3	biŋkw-
C 4	wɛʔu-
C 5	wɛna bɛ-
C 6	wɛn bɛ-
C 7	wɛn-
C 8	wɛn-
C 9	wɛn-
C10	wɛn-
C11	ɛnug mav-
C12	kɛngua mau-
C13	kɛnu mau-
C14	inugu mau-
C15	ɛnu mau-
C16	inum u-
C17	kɛnuga mau-
C18	onuk mayo-
C19	tɛnak mou-
C20	ɛnug nul-
C21	ɛnu mau-
C22	ɛnu-
C23	ɛnug po-
C24	ɛnu nu-
C25	ɛnug ru-
C26	ɛnug po-
C27	ɛnug pɛ-
C28	wol ihir-
C29	kɛri pɛ-

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 PO: pitolo

<i>this</i> <sup>15</sup>	261
C 1 Kare	usu
C 2 Girawa	εʔi, ʔos
C 3 Munit	ene
C 4 Bemal	εʔa, eʔam
C 5 Sihan	ene
C 6 Gumalu	heʔa
C 7 Isebe	he
C 8 Amele	ihen
C 9 Bau	heba
C10 Panim	he
C11 Raptig	ereʔ
C12 Wamas	ε, bi:ta
C13 Samosa	ha
C14 Murupi	ta
C15 Saruga	ε
C16 Nake	hera
C17 Mosimo	ame
C18 Garus	nina
C19 Yoidik	yen
C20 Remp1	en, o
C21 Bagup1	ene
C22 Silop1	netu
C23 Utu	ne
C24 Mawan	ene
C25 Baimak	che
C26 Matep1	ai
C27 Gal	be
C28 Garuh	imu
C29 Kamba	ene

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 PO: (ae)ni

<i>that</i>	262
C 1 yaisa	
C 2 enes	
C 3 kein, ʌtik	
C 4	
C 5 onu	
C 6	
C 7 aho	
C 8 ohuen	
C 9 ho	
C10 ho	
C11 aire	
C12 ba:ta	
C13 ži hada	
C14	
C15 tie	
C16 mera	
C17 batʌ:(ta)	
C18 una	
C19 won	
C20 go	
C21 egun	
C22 etu	
C23 une	
C24 auraya	
C25	
C26 hon	
C27 au	
C28 umu	
C29 huni	

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 PO: (ae)na

*who* 263

C 1	Kare	ɛwama
C 2	Girawa	inoʔ
C 3	Munit	ine
C 4	Bemal	i:n
C 5	Sihan	i:n(ɛ)
C 6	Gumalu	i:n
C 7	Isebe	i:ne
C 8	Amele	in
C 9	Bau	i:n
C10	Panim	in
C11	Rapting	ven
C12	Wamas	wene
C13	Samosa	vene
C14	Murup1	wena
C15	Saruga	vani
C16	Nake	ven
C17	Mosimo	wene
C18	Garus	ven
C19	Yoidik	wən
C20	Rempi	wen
C21	Bagup1	won
C22	Silopi	ven
C23	Utu	veni
C24	Mawan	ven
C25	Baimak	ven
C26	Matepi	ven
C27	Gal	wen
C28	Garuh	aun
C29	Kamba	aun

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 PO: (n) sal
*what* 264

C 1	kʌra
C 2	ɛbo
C 3	eri
C 4	ein
C 5	era
C 6	ero
C 7	ere
C 8	ɛʔeta
C 9	ɛlʔai
C10	ele
C11	ale
C12	kata
C13	kali
C14	ate
C15	ari
C16	ari
C17	kata
C18	em
C19	yaʔ
C20	aɛʔ
C21	ʌri
C22	ʌri
C23	ari
C24	veru
C25	veʔe
C26	ʌri
C27	wei
C28	ari
C29	ker

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 PO: (n) sapa



<i>where</i>	265	<i>how many</i>	266
C 1	Kare      dega	C 1	kagΛ:ruga
C 2	Girawa    erΛpa	C 2	erΛsebos
C 3	Munit     Λdi	C 3	gΛda
C 4	Bemal     eru	C 4	eiʔeizΛb
C 5	Sihan     a:ye, Λku	C 5	kani:ʔΛk
C 6	Gumalu	C 6	ganio
C 7	Isebe     hagu, aye	C 7	gΛni
C 8	Amele     ai, ana	C 8	kΛniʔ
C 9	Bau        hag	C 9	kΛni
C10	Panim     ai	C10	gani
C11	Rapting   are	C11	areguʔpa
C12	Wamas     aramo	C12	katata
C13	Samosa    Λ:r	C13	kaleva:ta
C14	Murupi    Λragaya	C14	Λtuguta
C15	Saruga    ewΛra	C15	aruguta
C16	Nake       are	C16	arigoay
C17	Mosimo    romo	C17	kareguta
C18	Garus     arek	C18	gendeʔ
C19	Yoidik    adek	C19	gΛnim
C20	Rempi    de	C20	gain
C21	Bagupi    Λre	C21	ari gotek
C22	Silopi     aripo	C22	ariparipo
C23	Utu        ori	C23	alipok
C24	Mawan    Λ:re	C24	Λrepa
C25	Balmak    ate	C25	ga:ni
C26	Matepi    Λre	C26	hΛni
C27	Gal        Λre	C27	gΛne
C28	Garuh     adengu	C28	ganεu
C29	Kamba     arΛn, arewa	C29	gΛne
<hr/> PO:            pai		<hr/> PO:   pi(n)sa	

	<i>morning</i>	268a
C 1	Kare	sungarari
C 2	Girawa	tɔpɛrɔ
C 3	Munit	tuer
C 4	Bemal	uma seu
C 5	Sihan	ɛtɛu
C 6	Gumalu	ɛtɛu
C 7	Isebe	ɛtu
C 8	Amele	ʔpasil
C 9	Bau	ɛt <sup>h</sup> ow
C10	Panim	ɛtu

C11	Raptiŋ	iluk
C12	Wamas	tumarege
C13	Samosa	tumoga
C14	Murupi	tumagura
C15	Saruga	veneira
C16	Nake	aburup
C17	Mosimo	tumarege
C18	Garus	iluk
C19	Yoidik	a:luʔ
C20	Rempi	aluʔ
C21	Bagupi	weneil
C22	Silopi	pirari
C23	Utu	priari
C24	Mawan	kwir
C25	Baimak	pi:r
C26	Matepi	pilari
C27	Gal	wara
C28	Garuh	abeŋa
C29	Kamba	furua

	<i>day break</i>	268b
C 1	anigiluma	
C 2	amteinu	
C 3	ɛtaiʔɛ	
C 4	ugaba	
C 5	varainɛa	
C 6	obatia	
C 7	ohagia	
C 8	oyake	
C 9	ohako	
C10	ozagia	

C11	amisu	
C12	wanekilu	
C13	vanekiru	
C14	vanilu	
C15	vanairu	
C16	avelem	
C17	wanekiru	
C18		
C19	wanilou	
C20	vanilen	
C21	ɛbilum	
C22	ɛwirum	
C23	ɛvirum	
C24	abilia	
C25	abiride	
C26	ɛvil-	
C27	abirei	
C28	absubum	
C29	kogowarak, kogowar	

<i>afternoon</i> 270			<i>night</i> 271		
C 1	Kare	uru migi	C 1	anorima	
C 2	Girawa	warir, uriarir	C 2	pututu	
C 3	Munit	dei:wa se?, tuetue	C 3	gututu, gu:hume, tuwik	
C 4	Bemal	umusik	C 4	umaum	
C 5	Sihan	deiwa	C 5	wi:ku	
C 6	Gumalu	dehipv	C 6	wimeā	
C 7	Isebe	yehiu	C 7	tumu:g	
C 8	Amele	wesu	C 8	viti?	
C 9	Bau	lehui	C 9	kakatu?ey	
C10	Panim	yehiu	C10	gafudia	
C11	Rapting	uturak	C11	tumag	
C12	Wamas	suhabλ:g	C12	tumahimou	
C13	Samosa	susava	C13	dotaga, donou	
C14	Murupi	tutego	C14	utu heu	
C15	Saruga	totohu	C15	oto mλ:gu	
C16	Nake	tohu fλ:g	C16	otu, gatitu	
C17	Mosimo	suhaw g	C17	tuhmahmou	
C18	Garus	tuwλ:?	C18	tiro:m	
C19	Yoidik	tu:λk	C19	tokando	
C20	Rempi	tuλg	C20	taro	
C21	Bagupi	dohu fλg	C21	otu sem	
C22	Silopi	dohu	C22	tupλna	
C23	Utu	tohu	C23	evosom	
C24	Mawan	dohu	C24	abuia	
C25	Baimak	de:iv	C25	kakatu, abuide	
C26	Matepi	tohu	C26	tupλna	
C27	Gal	tue	C27	esiei	
C28	Garuh	suve:b	C28	suban	
C29	Kamba	tuef	C29	tupλn mane	
PO: Rapi			PO: (m)poni		

*yesterday* 275

C 1 Kare suεga

C 2 Girawa ?u?Λm

C 3 Munit tuΛ

C 4 Bemal u:m

C 5 Sihan u:m

C 6 Gumalu u:m

C 7 Isebe u:m

C 8 Amele um

C 9 Bau um

C10 Panim um

C11 Raptiŋg tu:

C12 Wamas t<sup>h</sup>u

C13 Samosa tu:

C14 Murupi tu

C15 Saruga tu

C16 Nake tumay

C17 Mosimo tu

C18 Garus tute

C19 Yoidik tuta

C20 Rempī tu:

C21 Bagupī tu

C22 Silopī tu

C23 Utu tu

C24 Mawan tu

C25 Baimak t<sup>h</sup>u

C26 Matepī tu

C27 Gal tu

C28 Garuh sumay

C29 Kamba tume

*tomorrow* 278

C 1 kira

C 2 ariba, areb

C 3 tabed

C 4 tuaba

C 5 u?bΛ

C 6 ubau

C 7 ubuda

C 8 u?pata

C 9 ubota

C10 ubuda

C11 tuge?

C12 kilu:

C13 gilo

C14 ilau

C15 ilu

C16 il

C17 kilu

C18 to:p

C19 tia?

C20 tuye?

C21 ilu

C22 i:r

C23 i:r

C24 dair

C25 da:ir

C26 il

C27 lair

C28 budi

C29 kereb

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 PO: qana-noRa  
 qana-napi

*day before yesterday* 276

C 1	Kare	tʌ:gu
C 2	Girawa	umʌrʔʌm, ʔumara
C 3	Munit	ũmāt
C 4	Bemal	alin
C 5	Sihan	ɛrɛn
C 6	Gumalu	ɛrɛn
C 7	Isebe	ɛrɛn
C 8	Amele	ɛlɛn, um vɛlɛ
C 9	Bau	haun
C10	Panɪm	ɛlɛn
C11	Rapting	tu ari
C12	Wamas	toʌhɛ
C13	Samosa	tagosi
C14	Murupi	viʔili
C15	Saruga	wili
C16	Nake	zʌ:tu
C17	Mosimo	vili
C18	Garus	umtɛ
C19	Yoidik	umta
C20	Rempi	u:m
C21	Bagupi	zautʌn
C22	Silopi	dou
C23	Utu	zou
C24	Mawan	um
C25	Balmak	ɛrɛn
C26	Matepi	lou
C27	Gal	um
C28	Garuh	la:sula:su
C29	Kamba	lɛɛ

*day after tomorrow* 279

C 1	yʌgu
C 2	omteina, orio
C 3	ɛtɛpa
C 4	alinaba
C 5	ɛřɛw
C 6	ɛrɛu
C 7	ɛruadu
C 8	ɛlɛtɛ
C 9	ɛlɔta
C10	ɛluta
C11	tuge ari
C12	ya:hige
C13	za:gosi
C14	zaʔʌta
C15	zatʌna
C16	il zʌ:tu
C17	
C18	ilɛp to:p
C19	ilʌ:p
C20	ilɛp
C21	sumahi, zautʌn
C22	arɛ
C23	sipok
C24	i:l
C25	ral:ř
C26	arine, haun
C27	ir
C28	budi la:su
C29	ɛrul

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PO: qana-Ri(n)sa

<i>before</i> 277		
C 1	Kare	igira
C 2	Girawa	mater
C 3	Munit	bereude, berΛ:t
C 4	Bemal	sēs
C 5	Sihan	wereud
C 6	Gumalu	bereu
C 7	Isebe	were
C 8	Amele	vele
C 9	Bau	velow
C10	Panim	wele
C11	Rapting	wogam
C12	Wamas	gede
C13	Samosa	gere
C14	Murupi	gera
C15	Saruga	amumare
C16	Nake	ΛmΛ?
C17	Mosimo	gere
C18	Garus	u?umte
C19	Yoidik	wagΛmta
C20	Rempi	vagam
C21	Bagupi	amΛh
C22	Silopi	wΛru
C23	Utu	waru
C24	Mawan	walu
C25	Baimak	ilei
C26	Matepi	mΛtu, wΛru
C27	Gal	aun
C28	Garuh	angau
C29	Kamba	algu

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PO:                   muqa, nako

<i>afterwards</i> 280	
C 1	asera
C 2	
C 3	esu, ganiwa
C 4	aises
C 5	si:bam, sibop
C 6	esi'in
C 7	si:b
C 8	esi hipna
C 9	esi tuhoil
C10	sib, ubelu
C11	dumurge, nage
C12	iwiwige
C13	mina:
C14	sumura
C15	sumahigu
C16	sumul, gi:wi
C17	sonomo
C18	dumule
C19	dum
C20	tum?e
C21	sumur
C22	koi
C23	are
C24	arΛ:
C25	da:ri
C26	sumur, gol
C27	sumur
C28	boi
C29	dimba

---

PO:   mudi, (n)taku

now 274

C 1	Kare	gi
C 2	Girawa	durisa
C 3	Munit	ūrit
C 4	Bemal	ulis
C 5	Sihan	pi:ri, ba:ra
C 6	Gumalu	ge
C 7	Isebe	ke
C 8	Amele	pila
C 9	Bau	pil, ?par
C10	Panim	ba
C11	Rapting	gera?
C12	Wamas	geame
C13	Samosa	ge
C14	Murupi	ge
C15	Saruga	ge
C16	Nake	ge
C17	Mosimo	ge
C18	Garus	genuk
C19	Yoidik	gilæ
C20	Rempi	gilat
C21	Bagupi	ge
C22	Silopi	ke
C23	Utu	ge
C24	Mawan	ge
C25	Balmak	ke
C26	Matepi	ke
C27	Gal	ke
C28	Garuh	gehe
C29	Kamba	gei

<i>there</i> <sup>15</sup> 282		
C 1	Kare	ogΛ:na
C 2	Girawa	Λiɛn
C 3	Munit	ɛinogo
C 4	Bemal	ulibe
C 5	Sihan	oi- kon
C 6	Gumalu	lɛwaʔi
C 7	Isebe	ahuna
C 8	Amele	ɛhuɛn, naha
C 9	Bau	hoʔa, hokono
C10	Panin	ahūna
C11	Raptiŋ	aire
C12	Wamas	wa
C13	Samosa	hoga
C14	Murupi	waʔaga
C15	Saruga	vege, ʒeti
C16	Nake	waig, ʒapɔr
C17	Mosimo	waʔa, waʔa
C18	Garus	unaʔɛ
C19	Yoidik	ugΛʔ
C20	Rempi	ɔʔga, ɔʔ
C21	Bagupi	yɛti
C22	Silopi	deir
C23	Utu	undaum, nendaum
C24	Mawan	reia -ai, au- nuga
C25	Baimak	onaiga
C26	Matepi	waur
C27	Gal	au
C28	Garuh	au
C29	Kamba	uwa

<i>here</i> 281	
C 1	ei
C 2	ʔɛopo
C 3	ɛnogɔr
C 4	eʔa
C 5	ei-kon
C 6	hɛg
C 7	ɛna
C 8	ɛnɛ, ihɛn
C 9	hɛg
C10	hɛhan
C11	ɛrɛ, ie:
C12	amɛ
C13	hΛna
C14	ɛ:, Λ:m
C15	ɛ
C16	ɛra, ɛnu
C17	se, ame
C18	nɛʔɛk
C19	lgΛʔ
C20	ɛgΛ, ɛʔ
C21	ɛnɛ
C22	nɛ(tu)
C23	nɛ
C24	ɛ(ara)
C25	ɛna
C26	ai
C27	ɛ:
C28	inag
C29	ɛwa

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 PO: (ae)ni



## near 287

C 1	Kare	bigamba
C 2	Girawa	siau opo
C 3	Munit	duruk
C 4	Bemal	wahugap
C 5	Sihan	tunahur
C 6	Gumalu	tunahuř
C 7	Isebe	utubla:nu
C 8	Amele	ono ʌbe, emenuk
C 9	Bau	utuban, onaʔbe
C10	Panim	anʌbe
C11	Rapting	arʌg
C12	Wamas	bi
C13	Samosa	bigo
C14	Murupi	bia
C15	Saruga	biʌga
C16	Nake	gugir
C17	Mosimo	bi
C18	Garus	mutuk
C19	Yoidik	adʌ
C20	Rempi	oʔpi
C21	Bagupi	gugir
C22	Silopi	turi
C23	Utu	turi
C24	Mawan	gura:
C25	Baimak	t <sup>h</sup> unamu, ewo
C26	Matepi	egeg
C27	Gal	opʌ, egeg
C28	Garuh	guguit
C29	Kamba	unʌka

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 PO: tata

## far 288

C 1	be:ndi
C 2	atʌpi
C 3	atig
C 4	pulig
C 5	u:rumε, atʌh
C 6	εrʌk, utpen
C 7	ibɛn
C 8	onoʔa
C 9	aʔanan
C10	hibɛn
C11	batʌ
C12	batʌ:
C13	gama
C14	gʌma
C15	gomʌ:gu
C16	batʌ:
C17	batʌ:
C18	batʌ:ʔ
C19	biha
C20	batʌ, beʌʔ
C21	waurʌ:g
C22	unε
C23	εpme
C24	waiha:
C25	utwaif
C26	unε
C27	aʀog
C28	loub
C29	unʌ

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 PO: (n)sau

<i>quickly</i>	289
C 1 Kare	Λridi
C 2 Girawa	urite
C 3 Munit	gwΛ:dem
C 4 Bemal	piga(y)
C 5 Sihan	mahu
C 6 Gumalu	ure
C 7 Isebe	birhe
C 8 Amele	mahu?
C 9 Bau	painbe, ha?io
C10 Panim	baimbe
C11 Raptng	anik
C12 Wamas	wahi
C13 Samosa	vasie
C14 Murup1	aniga
C15 Saruga	amΛra
C16 Nake	amar
C17 Mosimo	wahie
C18 Garus	kalle
C19 Yoidik	we?pi
C20 Remp1	pali
C21 Bagup1	amar
C22 Silop1	ise
C23 Utu	ise
C24 Mawan	Λaru
C25 Baimak	gulan
C26 Matep1	arΛm
C27 Gal	pΛsa
C28 Garuh	bihiru
C29 Kamba	ofer

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PO: ( ? ) wawe

<i>slowly</i>	290
C 1 emba	
C 2 pΛurΛr	
C 3 koiwat	
C 4 suban, paity	
C 5 kowait	
C 6 peibe	
C 7 ebity	
C 8 ehena	
C 9 epity	
C10 ebity	
C11 ma:sik	
C12 buta	
C13 buta	
C14 ofo	
C15 mina	
C16 seheger	
C17 buta	
C18 mesik	
C19 nanΛ?	
C20 mΛsil	
C21 sehemer	
C22 maya:	
C23 moya	
C24 mahahΛri	
C25 pivei	
C26 vio	
C27 pisa	
C28 boiboi, bibi	
C29 sinanΛf	

## yes 291

C 1	Kare	oya
C 2	Girawa	o:, ho:
C 3	Munit	io
C 4	Bemal	yo, oa
C 5	Sihan	ois
C 6	Gumalu	yo
C 7	Isebe	o:
C 8	Amele	a, ese:
C 9	Bau	ʌ
C10	Panin	o:
C11	Rapting	oa
C12	Wamas	ʔuʔu
C13	Samosa	oh
C14	Murupi	amase, ese
C15	Saruga	io
C16	Nake	io
C17	Mosimo	ʌ:
C18	Garus	æʔ
C19	Yoidik	uo
C20	Rempi	aeʔ
C21	Bagupi	io
C22	Silopi	ʒo:
C23	Utu	ʒo
C24	Mawan	yo
C25	Baimak	o
C26	Matepi	io
C27	Gal	a:, o:
C28	Garuh	a:, aʔi
C29	Kamba	oe

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PO: io

## no 292

C 1	i:
C 2	bʌ
C 3	ta:mo
C 4	ta:m
C 5	be:ʔl
C 6	bitik
C 7	pɛ
C 8	pɛ
C 9	ʔpɛ
C10	bɛ
C11	pi
C12	pi
C13	ʔi
C14	pi
C15	pi
C16	iraʌ
C17	pi
C18	pi
C19	pi
C20	pi
C21	pi
C22	pitu:k
C23	pi, kwituk
C24	kwi(tuk)
C25	pi
C26	pi, kwitug
C27	itu
C28	ida
C29	kawa

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PO: t(ia)ka(i)

*always* 293

C 1	Kare	segʌmba
C 2	Girawa	ori
C 3	Munit	tugʌd
C 4	Bemal	umkoskos musmur
C 5	Sihan	gait
C 6	Gumalu	gitgit
C 7	Isebe	kaidunum
C 8	Amele	kaitkait
C 9	Bau	kaitkait
C10	Panim	gait

C11	Rapting	hanhan, enug(ta)
C12	Wamas	bibi
C13	Samosa	enigi
C14	Murupi	tutura
C15	Saruga	hanahana
C16	Nake	hanhan
C17	Mosimo	bitabita
C18	Garus	pusaʔaup
C19	Yoidik	wagʌm wagʌm
C20	Remp1	liuliu
C21	Bagupi	hanhan
C22	Silopi	eweb
C23	Utu	gitu
C24	Mawan	erere
C25	Balmak	kaitkait, asas
C26	Matepi	sansan, ahah
C27	Gal	sansan
C28	Garuh	hanhan
C29	Kamba	sansan

*inside (the house)* 285

C 1	abɔŋga
C 2	a
C 3	orʌ
C 4	hu
C 5	hamon
C 6	famʌn
C 7	famʌn
C 8	hʌmɔl
C 9	famʌn
C10	famʌn

C11	houg
C12	zʌbo
C13	zabo
C14	gua
C15	ogʌga
C16	ogʌg
C17	oge
C18	yɛlouʔ
C19	uʔgɛ
C20	laloʔ
C21	ogag
C22	ib, oveg
C23	rip
C24	ura
C25	dʌ:uru
C26	ovog
C27	owʌg
C28	loub
C29	ʔowa

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 PO: nua

*be* 296

C 1	Kare	nde-
C 2	Girawa	do-
C 3	Munit	bir-
C 4	Bemal	da-
C 5	Sihan	bide-
C 6	Gumalu	ni-
C 7	Isebe	ni-
C 8	Amele	pili-
C 9	Bau	ni, pir-
C10	Panim	bil-
C11	Raptng	da-
C12	Wamas	da-
C13	Samosa	da-
C14	Murupi	da-
C15	Saruga	da-
C16	Nake	da-
C17	Mosimo	da-
C18	Garus	da-
C19	Yoidik	d -
C20	Rempi	da-
C21	Bagupi	da-
C22	Silopi	ra-
C23	Utu	da-
C24	Mawan	da-
C25	Balmak	ta-
C26	Matepi	dan-
C27	Gal	da-
C28	Garuh	da-
C29	Kamba	di-

*sleep* 297

C 1	ning-
C 2	nino-, apu-
C 3	ni-
C 4	amesme-, gabu-
C 5	ni-
C 6	huni-
C 7	wahani-
C 8	ni, usni-
C 9	huni-
C10	uhan-
C11	nina-
C12	nig-
C13	nigu-
C14	nigi
C15	nag-
C16	neñe-
C17	nig-
C18	nig-
C19	nig-
C20	neg-
C21	nog-
C22	nog-
C23	nog-
C24	nug-
C25	unug-
C26	nig-
C27	nigi-
C28	ni:-
C29	usni-

---

PO:           nopo (*stay, dwell*)  
               toko (*stay, sit, dwell*)  
               tau *stay, land on*)  
               etc.

<i>cough</i> 301		
C 1	Kare	dagal-
C 2	Girawa	atoru-
C 3	Munit	tur kwe(?)ε-
C 4	Bemal	daw u-
C 5	Sihan	etore, de?uru be-
C 6	Gumalu	te?ure-
C 7	Isebe	otoli-
C 8	Amele	otole-
C 9	Bau	etare-
C10	Panim	otole-
C11	Rapting	dalū
C12	Wamas	daure-
C13	Samosa	dagure-, nosisi mura-
C14	Murupi	ziremu mer-
C15	Saruga	dauru maro-
C16	Nake	nosibe-
C17	Mosimo	daur-
C18	Garus	dalū?-
C19	Yoidik	dalū?-
C20	Rempi	delū?-
C21	Bagupi	doro-
C22	Silopi	tere kwo-
C23	Utu	der-
C24	Mawan	kehua-
C25	Balmak	etare-
C26	Matepi	dēl-
C27	Gal	dēur-
C28	Garuh	duiʔ-
C29	Kamba	daur-

<i>sit down</i> 298		
C 1	sigan-	
C 2	naneda-	
C 3	hovom-	
C 4	hub-	
C 5	bide-	
C 6	bire-	
C 7	billi	
C 8	pili-	
C 9	pir-	
C10	bil-	
C11	ana-	
C12	kin-	
C13	kin-	
C14	in-	
C15	inani-	
C16	yane-	
C17	kin-	
C18	an-, asu-	
C19	da-	
C20	aso?ne-	
C21	inane-	
C22	atira-	
C23	ati-	
C24	atida-	
C25	pafute-	
C26	ati-	
C27	ate-	
C28	ina-	
C29	di-	

*stand* 299

C 1	Kare	towind(og)-
C 2	Girawa	taira-, sir-
C 3	Munit	ayem
C 4	Bemal	ase-
C 5	Sihan	tave-
C 6	Gumalu	t <sup>h</sup> awe-
C 7	Isebe	tawi-
C 8	Amele	tabe-
C 9	Bau	t <sup>h</sup> aw-
C10	Panim	tawe-
C11	Rapting	turug-
C12	Wamas	bata-
C13	Samosa	ataida-
C14	Murupi	eme-, patau-
C15	Saruga	atari-
C16	Nake	ore-
C17	Mosimo	pata-
C18	Garus	t <sup>h</sup> iruk
C19	Yoidik	se?ed -
C20	Remp1	se?etu-
C21	Bagupi	oreda-
C22	Silopi	irera-
C23	Utu	aiz-
C24	Mawan	ainda-
C25	Balmak	aye-
C26	Matepi	ire-
C27	Gal	irek-
C28	Garuh	hib-
C29	Kamba	sir

---

 PO:                   tuqu(d)
*stand up* 300

C 1	korokair-
C 2	sira-
C 3	aye-
C 4	ase-
C 5	aye-
C 6	ay-
C 7	ayi-
C 8	ase-
C 9	ay-
C10	ay-
C11	(turug) ase-
C12	tari kah-
C13	tarikasu-
C14	aterε-
C15	atΛε-
C16	Λtoε-
C17	talikah-
C18	siru?-
C19	se-
C20	se-
C21	atali-
C22	ay-
C23	aiz-
C24	aye-
C25	aye-
C26	ari-
C27	ai-
C28	ah-
C29	as-

---

 PO:   tuqu(d)

*die* 302

C 1	Kare	mai-
C 2	Girawa	mezo-
C 3	Munit	zrumε-
C 4	Bemal	nom-
C 5	Sihan	ařmε-
C 6	Gumalu	armε-
C 7	Isebe	armi-
C 8	Amele	almε-
C 9	Bau	armε-
C10	Panım	almε-
C11	Rapting	mau-
C12	Wamas	ma-
C13	Samosa	ma-
C14	Murupi	ma-
C15	Saruga	ma-
C16	Nake	nau-
C17	Mosimo	ma-
C18	Garus	mayo-
C19	Yoidik	muw-
C20	Rempi	mo-
C21	Bagupi	mau-
C22	Silopi	nam-
C23	Utu	nam-
C24	Mawan	naum-
C25	Baimak	naumε-
C26	Matepi	naum-
C27	Gal	nauε-
C28	Garuh	biř-
C29	Kamba	mous-

---

 PO:           mate
*come* 303

C 1	so-
C 2	o-
C 3	se-
C 4	jo-
C 5	so-
C 6	so-
C 7	fa-
C 8	ho-
C 9	fah-
C10	wahe-, so-
C11	sil-, do-, be-
C12	so-
C13	so-
C14	se-
C15	se-
C16	se-
C17	sau-
C18	fil-
C19	do-
C20	il-
C21	se-
C22	sin-
C23	sin-
C24	bi-
C25	vi-
C26	bi-
C27	bi-
C28	uři-
C29	uri-

---

 PO:   mai



*go* 304

C 1	Kare	wa-
C 2	Girawa	poto-, mano-
C 3	Munit	na-
C 4	Bemal	wan-
C 5	Sihan	nu-
C 6	Gumalu	nu-
C 7	Isebe	nu-
C 8	Amele	nuw-
C 9	Bau	nu, va-
C10	Panim	nu-

C11	Rapting	an-
C12	Wamas	kug-
C13	Samosa	kug-
C14	Murup1	ug-
C15	Saruga	ugu-
C16	Nake	ogo-
C17	Mosimo	kuga-
C18	Garus	zi-, i-
C19	Yoidik	wa-
C20	Rempi	ib-
C21	Bagup1	ugu-
C22	Silop1	ugu-
C23	Utu	ug-
C24	Mawan	ug-
C25	Baimak	uku-
C26	Matep1	ug-
C27	Gal	ugu-
C28	Garuh	ug-
C29	Kamba	ant-, wan-

---

PO:               lako, pano

*walk* 310

C 1	wa-
C 2	arira-
C 3	uge ta-
C 4	aida(de)-
C 5	obe-
C 6	poε-
C 7	wa
C 8	poε-
C 9	ob-
C10	obe-

C11	an-
C12	kug-
C13	ivu-
C14	ug-
C15	ugu-
C16	ogo-
C17	kuga-
C18	gu-
C19	ib-
C20	ib-
C21	ugu-
C22	ugu-
C23	ug-
C24	lar-
C25	uku-
C26	menale-
C27	lař-
C28	ug-
C29	wei-

## go up 305

C 1	Kare	to-
C 2	Girawa	tono-
C 3	Munit	temuna-
C 4	Bemal	si-
C 5	Sihan	oisa tɛ-
C 6	Gumalu	t <sup>h</sup> e-
C 7	Isebe	ti-
C 8	Amele	tope-
C 9	Bau	t <sup>h</sup> ɛ-
C10	Panim	ahote-
C11	Rapting	tɛ-
C12	Wamas	jeitaga kug-
C13	Samosa	auge kugu-
C14	Murupi	aga ug-
C15	Saruga	tɛ-
C16	Nake	tɛ-
C17	Mosimo	autɛ-
C18	Garus	ti-
C19	Yoidik	daot-
C20	Rempi	tɛ-
C21	Bagupi	tɛ-
C22	Silopi	t-
C23	Utu	t-
C24	Mawan	te-
C25	Baimak	tɛ-
C26	Matepi	tɛ-
C27	Gal	tɛ-
C28	Garuh	si-
C29	Kamba	karant-

---

 PO: (n)sake

## go down 306

C 1	ne-
C 2	nobto-
C 3	nemu na-
C 4	no-
C 5	no-
C 6	no-
C 7	no-
C 8	no-
C 9	no-
C10	no-
C11	no-
C12	arai no-, ono kug-
C13	vanige kug-
C14	na?ag ug-
C15	no-
C16	no-
C17	vanine-
C18	no-
C19	no-
C20	no-
C21	ni-
C22	n-
C23	n-
C24	mare ni-
C25	no-
C26	on-
C27	no-
C28	nu-
C29	nu-

---

 PO: (n)sipo

*run* 309

C 1	Kare	pumbawa-
C 2	Girawa	urite-
C 3	Munit	guduguduim na-
C 4	Bemal	guṛguṛe-
C 5	Sihan	kuʔure-
C 6	Gumalu	gule-
C 7	Isebe	guguli-
C 8	Amele	gugul-
C 9	Bau	guʔur-
C10	Panim	gugul-
C11	Rapting	batin-
C12	Wamas	batini kug-
C13	Samosa	ivu-
C14	Murupi	patini ug-
C15	Saruga	enure-
C16	Nake	lalawa-
C17	Mosimo	patina-
C18	Garus	patin-
C19	Yoidik	pali-
C20	Rempi	pali-
C21	Bagupi	lalebe-
C22	Silopi	tar-
C23	Utu	dar-
C24	Mawan	daru ug-
C25	Baimak	kura-
C26	Matepi	dar-
C27	Gal	gur-
C28	Garuh	guw
C29	Kamba	guko ant-

*fall (tree)* 313

C 1	kabara-
C 2	urirmo-
C 3	kwete-
C 4	ku-
C 5	no-, nu-
C 6	bete-
C 7	barati-
C 8	pahe-
C 9	fut-
C10	abate-
C11	asul-, abr-
C12	ba-
C13	malvr-
C14	baʔ-, mawur-
C15	tohonag-
C16	pie-, togi-
C17	ba-
C18	aziw-
C19	ba-
C20	ab-, asine
C21	toge-
C22	ohor-
C23	ohar-
C24	ohunag-
C25	ake-, bete-
C26	mahule-
C27	agi-
C28	bi-
C29	bi-

---

 PO: (?) siŋa

*fly* (v) 315

C 1	Kare	merego-
C 2	Girawa	puririr(u)-
C 3	Munit	huri-
C 4	Bemal	přuře-
C 5	Sihan	fuřuře-
C 6	Gumalu	pirirate-
C 7	Isebe	harurui-
C 8	Amele	fulule
C 9	Bau	hařuře-
C10	Panim	fulule-
C11	Rapting	merel-
C12	Wamas	talikaha- (?)
C13	Samosa	bututu vo-
C14	Murupi	biřiř we-
C15	Saruga	biver-
C16	Nake	
C17	Mosimo	biriri kuga-
C18	Garus	merel
C19	Yoidik	mel-
C20	Rempi	mel
C21	Bagupi	pičera-
C22	Silopi	ayom ug-
C23	Utu	ug-
C24	Mawan	puwuwu er-
C25	Baimak	phiriretu-
C26	Matepi	buer-
C27	Gal	buer-
C28	Garuh	apař-
C29	Kamba	tal-

PO:

Ropo

*jump* 316

C 1	gaiwa-
C 2	bit'anir-, po'iru-
C 3	bitori-
C 4	silike-, kuane-
C 5	viride-
C 6	pitole-
C 7	butali-
C 8	pusale-
C 9	bitař-
C10	butale-
C11	fo'ay-
C12	alufo-
C13	arupo-
C14	foye-
C15	ohore-
C16	oyego-
C17	arufo-
C18	sikowe-
C19	tařæ-, telas-
C20	tarai-, ared-
C21	oyewa-
C22	angog-
C23	angosin-
C24	pite-
C25	pitole-
C26	bite-
C27	pitie-
C28	ol-
C29	ol-

*swell up (skin)* 317

C 1	Kare	omend-
C 2	Girawa	noro-
C 3	Munit	ibε-
C 4	Bemal	ne1(ε)
C 5	Sihan	waru(wε)-
C 6	Gumalu	ifure-
C 7	Isebe	titili-
C 8	Amele	waluwi-
C 9	Bau	t <sup>h</sup> aʔu-
C10	Panim	ditil-
C11	Raptling	ivir-, titil-
C12	Wamas	ibid-
C13	Samosa	ivir-
C14	Murupi	maramε-
C15	Saruga	ivire-
C16	Nake	ivire-
C17	Mosimo	ibir-
C18	Garus	ib-
C19	Yoidik	tirt-
C20	Rempi	titir-
C21	Bagupi	iwire-
C22	Silopi	iw-
C23	Utu	iwir-
C24	Mawan	ibur-
C25	Balmak	ifutu-
C26	Matepi	ib-
C27	Gal	ditir-
C28	Garuh	sisiř-
C29	Kamba	ditil-

---

 PO: puku, kasi
*vomit* 318

C 1	pasa-
C 2	ʔεsε-
C 3	wε pera-
C 4	usε-
C 5	fεru-
C 6	fore-
C 7	bohadi-
C 8	foye-
C 9	furΛt-
C10	buhade-
C11	pas-
C12	fah-
C13	fasa-
C14	vasa-
C15	paha-
C16	pΛ-
C17	fah-
C18	pah-
C19	pasi-
C20	pais-
C21	pa-
C22	pa-
C23	p <sup>h</sup> a-
C24	pa-
C25	p <sup>h</sup> ai-
C26	pan-
C27	pa-
C28	pah-
C29	pes-

---

 PO: muta(q), lua

give<sup>16</sup> 319

C 1	Kare	me-
C 2	Girawa	Ø-, nu- (3sg), m- (3pl)
C 3	Munit	me-
C 4	Bemal	m-, moro- (3sg)
C 5	Sihan	Ø-, ute- (3sg)
C 6	Gumalu	Ø-, ute- (3sg)
C 7	Isebe	Ø-, uti- (3sg)
C 8	Amele	Ø-, uti (3sg)
C 9	Bau	Ø-
C10	Panim	Ø-, ud- (3sg)
C11	Rapting	me-
C12	Wamas	ža-, (1), me-, mo- (3sg)
C13	Samosa	za-, (1), me- (2pl, 2dl, 3pl, 3dl), mo- (3sg, 3sg)
C14	Murupi	z- (1), me-
C15	Saruga	da- (1), me-
C16	Nake	ma-, mere- (3sg)
C17	Mosimo	za- (1), mo- (2sg, 3sg), me- (2pl, 2dl, 3pl, 3dl)
C18	Garus	ma-, mu- (3sg)
C19	Yoidik	ma-
C20	Rempi	ma-
C21	Bagupi	me-
C22	Silopi	d- (1), ne- (2sg, 3sg), Ø- (2pl, 2dl, 3pl, 3dl)
C23	Utu	Ø-, ne- (2sg, 3sg)
C24	Mawan	re- (1), ne-
C25	Baimak	re-
C26	Matepi	le- (1), ne-
C27	Gal	le- (1), mu-
C28	Garuh	mo-
C29	Kamba	m-

---

PO:           pani

*talk* (itr)<sup>17</sup> 320

C 1	Kare	aga-
C 2	Girawa	aman mo-
C 3	Munit	avo mɛ-
C 4	Bemal	zɛ mɛ-
C 5	Sihan	ava mɛ-
C 6	Gumalu	ze matɛ-
C 7	Isebe	yɛ madi-
C 8	Amele	yɛ mat -
C 9	Bau	lɛ mat-
C10	Panim	ze made-
C11	Rapting	nin mɛ-
C12	Wamas	nin ?pa-
C13	Samosa	nene oga-
C14	Murupi	nini a-
C15	Saruga	nini a-
C16	Nake	nin a-
C17	Mosimo	nin ?pa-
C18	Garus	nin ma-
C19	Yoidik	nin pa-
C20	Rempi	nin pa-
C21	Bagupi	nin ?a-
C22	Silopi	an-, ma-
C23	Utu	an-, m-
C24	Mawan	nɛr mɛ-
C25	Balmak	rɛr mɛ-
C26	Matepi	nin m-
C27	Gal	lɛl ?ɛ-
C28	Garuh	nay a-
C29	Kamba	an-

*talk* (tr) 321

C 1	?a
C 2	au-, a-
C 3	o-
C 4	au-
C 5	ma(r)
C 6	ma(t)-
C 7	mai-
C 8	ma-
C 9	ma(t)-
C10	ma-
C11	pa-
C12	ai + <i>give</i>
C13	ogai + <i>give</i>
C14	ai + <i>give</i>
C15	ra a-
C16	do a-
C17	?pa + <i>give</i>
C18	tul + <i>give</i>
C19	pa + <i>give</i>
C20	aug pa-
C21	ra ?a-
C22	ɛpa-
C23	a- + <i>give</i>
C24	a- + <i>give</i>
C25	a-
C26	nin a-
C27	sa a-
C28	a-
C29	an-

*watch* (1tr) 322

C 1	Kare	oma mε-
C 2	Girawa	amoite-
C 3	Munit	ama-
C 4	Bemal	hameti-
C 5	Sihan	ofε-
C 6	Gumalu	bami-
C 7	Isebe	mε?i-
C 8	Amele	mε?i-
C 9	Bau	mchi-
C10	Panim	mε?i-
C11	Rapting	dibe-
C12	Wamas	di?po-
C13	Samosa	di?o-
C14	Murupi	dipe-
C15	Saruga	ohoge-
C16	Nake	ohogo-
C17	Mosimo	di?ε-
C18	Garus	ile-
C19	Yoidik	ilei-
C20	Remp1	moyau-, hε-
C21	Bagup1	ohogu-
C22	Silopi	og-
C23	Utu	ok-
C24	Mawan	ohoge-
C25	Baimak	amukε-
C26	Matep1	ohog-
C27	Gal	hogε-
C28	Garuh	nεg-
C29	Kamba	amin-

*see* (tr) 323

C 1	amb(u)-
C 2	apa-
C 3	ama-, p(ai)-
C 4	ulige-
C 5	of-, fe-
C 6	to-, tu-
C 7	mε?i-
C 8	mε?-
C 9	mchi-, of-
C10	mε?i-
C11	it-
C12	ab(o)-, aboyε- (1)
C13	kit(o)-, kitolza-
C14	ita(w)-
C15	iti-, itε- (2sg, 3sg, 1pl)
C16	itε-
C17	abo(yε)-
C18	hε?ε-
C19	fε?ε-, fa?a-
C20	hε(a)-
C21	itei-, itε- (3sg)
C22	aw-
C23	avε-
C24	awε-
C25	ita-, ara-
C26	ab-
C27	ar(ε)-
C28	an-
C29	pi-, pε-

---

 PO: kita



*bathe*<sup>18</sup> (itr) 325

C 1	Kare	ži idagu-
C 2	Girawa	Λ:n zo-
C 3	Munit	wān du-
C 4	Bemal	ziwε-
C 5	Sihan	vado-
C 6	Gumalu	wa ru-
C 7	Isebe	wa yo(u)
C 8	Amele	wa yo-
C 9	Bau	wa ro-
C10	Panim	wa zo-
		\.
C11	Rapting	ze zau-
C12	Wamas	ji za-
C13	Samosa	zi zag-
C14	Murupi	ze da-
C15	Saruga	zi otono-
C16	Nake	di žε-
C17	Mosimo	ži za-
C18	Garus	žε, zou-
C19	Yoidik	iaʔ-
C20	Rempi	že ža-
C21	Bagupi	di yau-
C22	Silopi	de ra-
C23	Utu	ze za-
C24	Mawan	de la-
C25	Baimak	lε la-
C26	Matepi	lε lo-
C27	Gal	lε lahow(ε)-
C28	Garuh	le la-
C29	Kamba	lu-

---

PO: ndanu(m), sama  
suki, suku

*wash* (tr) 326

C 1	ži idago-
C 2	žou-
C 3	du-
C 4	zi(w)-, zio- (3sg)
C 5	vado-
C 6	wa ru-
C 7	wa yo-
C 8	yo-
C 9	wa ro-
C10	zo-
C11	yau-
C12	za ya-, zau- (3sg)
C13	zagu-
C14	za(y)-, zau- (3sg)
C15	otono-
C16	di zε-
C17	žai-, zau- (2sg, 3sg)
C18	žεʔε-, zεʔu- (3sg)
C19	iaʔa-
C20	že žeu-
C21	di ya-
C22	de ra-
C23	ze za-
C24	de la-
C25	lε la-
C26	lε la-
C27	laho-
C28	le la-
C29	lε la-

---

PO: suku

*hear* 324

C 1	Kare	dəwε-
C 2	Girawa	do-
C 3	Munit	ndu-
C 4	Bemal	do-, dohu-
C 5	Sihan	daum-
C 6	Gumalu	dahum-
C 7	Isebe	do-
C 8	Amele	tahm-
C 9	Bau	to-
C10	Panim	daham-
C11	Rapting	do-
C12	Wamas	do-
C13	Samosa	do-
C14	Murupi	do-
C15	Saruga	do-, doho-
C16	Nake	do-
C17	Mosimo	do-
C18	Garus	doh-, duhu-
C19	Yoidik	doh-, duhu-
C20	Rempi	du-
C21	Bagupi	do-
C22	Silopi	do-
C23	Utu	do-
C24	Mawan	do-
C25	Balmak	do-
C26	Matepi	do-
C27	Gal	do-
C28	Garuh	duwε-
C29	Kamba	du-

---

 PO: doŋo
*bite* 327

C 1	ngil-, ngeε-
C 2	tuʔ-, tuʔε- (3sg)
C 3	i-
C 4	kalu-
C 5	i-
C 6	iʔi-
C 7	iʔ-, aʔ-
C 8	b-
C 9	iʔ-, kal-
C10	gal-
C11	iz-
C12	keεε-, ke- (3sg)
C13	keu-
C14	εy-
C15	iz-
C16	εmε-
C17	kei-, ke- (3sg)
C18	izi-, i- (3sg)
C19	ia-, iε-
C20	ʒa-
C21	εm -, εmo- (3sg)
C22	εm-
C23	εm -
C24	εmu-
C25	εma-
C26	εmi-
C27	εmε-
C28	imah-
C29	kεm-

---

 PO: kati, kaRati

*carry (on back)* 329

C 1	Kare	kai-
C 2	Girawa	asa-
C 3	Munit	(de)hi-
C 4	Bemal	asi-
C 5	Sihan	ese-
C 6	Gumalu	ehc-
C 7	Isebe	chi-
C 8	Amele	ese-
C 9	Bau	eh-
C10	Panim	efe-
C11	Rapting	av-
C12	Wamas	ka-
C13	Samosa	ka-
C14	Murupi	a-
C15	Saruga	oria-
C16	Nake	uiuo-
C17	Mosimo	ka-
C18	Garus	?a-
C19	Yoidik	au-
C20	Rempi	au-
C21	Bagupi	oiawa-
C22	Silopi	ori-
C23	Utu	ori?i-
C24	Mawan	oli-
C25	Baimak	au-
C26	Matepi	ori-
C27	Gal	ore a-
C28	Garuh	mav-
C29	Kamba	kaw-

*carry (on shoulder)*<sup>19</sup> 328

C 1	korogo-
C 2	atiA-
C 3	boba-
C 4	ka-
C 5	dohu-, kafi-
C 6	kuta-
C 7	guta-
C 8	kah-
C 9	kut <sup>h</sup> a-
C10	kuku-
C11	kuku-
C12	ataye-, ata- (3sg)
C13	atAgi-
C14	pata-
C15	kuki-, kuke- (3sg)
C16	kuku-
C17	atai-, ata- (3sg)
C18	kw(ε?)-, ku- (3sg)
C19	koko?a-
C20	kuku-
C21	kuki-
C22	ori-
C23	koki-, ?i-
C24	oiia-
C25	iro-
C26	hoii-
C27	ori-
C28	kuk-, mav-
C29	kuku-

*blow (on fire)* 332

C 1	Kare	pugam-
C 2	Girawa	uru-
C 3	Munit	hu:de-
C 4	Bemal	pu-
C 5	Sihan	hude-
C 6	Gumalu	fute-
C 7	Isebe	fudi-
C 8	Amele	fuldo-
C 9	Bau	fute-
C10	Panim	fud-
C11	Rapting	fu-
C12	Wamas	foti-
C13	Samosa	fu-
C14	Murupi	fue-
C15	Saruga	fuma-
C16	Nake	fu-, fumu-
C17	Mosimo	fot-
C18	Garus	hu-
C19	Yoidik	fuw-
C20	Rempi	hu-
C21	Bagupi	fumu-
C22	Silopi	omat-
C23	Utu	omat-
C24	Mawan	omau
C25	Baimak	fuetu-
C26	Matepi	omat-
C27	Gal	omote-
C28	Garus	il-
C29	Kamba	yal-

*dig* 334

C 1	ambal-
C 2	zare-
C 3	pase hi-
C 4	el-
C 5	hue-
C 6	hiaw -
C 7	fer u-
C 8	holo-
C 9	feru-, hu?-
C10	felo-
C11	ar-
C12	kar-
C13	kař-
C14	ar-
C15	wan aru-
C16	ar ie-
C17	kala-
C18	bo?-
C19	bo?-
C20	be?-
C21	be-
C22	otoř-, etagu-
C23	ar-
C24	ab ar-
C25	arl-
C26	?ar-
C27	ari-
C28	u-
C29	w-, fu-

---

 PO: k(ae)li, kali

*break (across)* 333

C 1	Kare	dobol(o)-
C 2	Girawa	paruru-
C 3	Munit	kuka dε-
C 4	Bemal	ku-
C 5	Sihan	bete-
C 6	Gumalu	bete-
C 7	Isebe	beti-
C 8	Amele	bahe-
C 9	Bau	bet-
C10	Panin	bete-
C11	Rapting	fawur-
C12	Wamas	siwo-
C13	Samosa	sivo-
C14	Murupi	sue-
C15	Saruga	tohonagu
C16	Nake	paholi-
C17	Mosimo	sibo-
C18	Garus	tahaw-
C19	Yoidik	tabuʔɛ-
C20	Rempi	hab-
C21	Bagupi	pahule-
C22	Silopi	pahar
C23	Utu	paunag-, pataro-
C24	Mawan	pahunag-
C25	Balmak	bete-
C26	Matepi	pag-
C27	Gal	pete-
C28	Garuh	abas-
C29	Kamba	bi-

---

 PO: motu
*split* 335

C 1	pεwan-
C 2	ire-
C 3	λβεεʔ-
C 4	kak-
C 5	batane-
C 6	betenu-
C 7	batani-
C 8	batame-
C 9	pasir-
C10	betean nε-
C11	owat-
C12	sabilio-
C13	kosag-
C14	ewahag-
C15	ewehagu-
C16	gaheli-
C17	koharu-
C18	taha-
C19	tabura-, pasal-
C20	kasail-
C21	ahili-
C22	εtag-
C23	patetar-
C24	pahihile-
C25	otare-
C26	patatar-
C27	pasire-
C28	fia-
C29	biebieb n-

---

 PO: paqas(i)

*tear* 336

C 1	Kare	sambereg-
C 2	Girawa	irɛ-
C 3	Munit	kwasiɛ-
C 4	Bemal	kak-
C 5	Sihan	basirɛ-
C 6	Gumalu	paʔasirɛ-
C 7	Isebe	basili-
C 8	Amele	balatɛ-
C 9	Bau	pasir-
C10	Panim	basil-
C11	Rapting	kareɪ-
C12	Wamas	sabilo-
C13	Samosa	savir-
C14	Murupi	sabirɛ-
C15	Saruga	sawilɛ-
C16	Nake	gahili-
C17	Mosimo	sabil
C18	Garus	aseil-
C19	Yoidik	pasəli-
C20	Rempi	kasail-
C21	Bagupi	kahili-
C22	Silopi	pesar-
C23	Utu	pasir-
C24	Mawan	pahilɛ-
C25	Baimak	kakare-
C26	Matepi	pasil-
C27	Gal	pasirɛ-
C28	Garuh	kadiř-
C29	Kamba	parir-

---

PO: kari(s), sai,  
sa(ei)

*cut (with knife)* 338

C 1	o-
C 2	tuʔɛ-
C 3	kwatide-
C 4	kuat-
C 5	ako-
C 6	ago-
C 7	ago-
C 8	ako-
C 9	ak-
C10	ago-
C11	otar-
C12	katur-
C13	tugɛ-
C14	atar-
C15	otaru-
C16	oli-
C17	katuru-
C18	utel-
C19	tar-
C20	utar-, ad-
C21	o-
C22	omo-
C23	tug-
C24	ago-
C25	ako-
C26	atar-
C27	ogɛ-
C28	suř-
C29	kubil-

*chop (with axe)* 337

C 1	Kare	o-
C 2	Girawa	patiru-
C 3	Minut	kwatide-
C 4	Bemal	kuat-
C 5	Sihan	ako-
C 6	Gumalu	ago-
C 7	Isebe	ago-
C 8	Amele	pete-
C 9	Bau	ak-
C10	Panim	o-
C11	Rapting	bet, ovr-
C12	Wamas	ko-
C13	Samosa	ko-
C14	Murupi	atʌr-, ohore-
C15	Saruga	otaru-
C16	Nake	obote-
C17	Mosimo	ko-
C18	Garus	uwet <sup>h</sup> -
C19	Yoidik	tʌř-
C20	Rempi	ad-
C21	Bagupi	ohili-
C22	Silopi	ikwo, oupo-
C23	Utu	ʔo-
C24	Mawan	o-, otore-
C25	Baimak	ako-
C26	Matepi	om
C27	Gal	o-
C28	Garuh	ubas-, suř-
C29	Kamba	kubil-

*fell (a tree)* 340

C 1	o-
C 2	tote-
C 3	hã ʔu-
C 4	ka-
C 5	u:ʌte-
C 6	o-
C 7	ʔo-
C 8	oto-
C 9	o-, bet-
C10	koukid-
C11	o-
C12	ko-
C13	ko-
C14	o-
C15	o-
C16	o-
C17	katul-
C18	ʔo-
C19	tʌř-
C20	ɔ-, utar-
C21	o-
C22	o-
C23	ʔo-
C24	o-
C25	o-
C26	ow-
C27	o-
C28	u-
C29	kwa-

---

PO: (ʔ) sasa(1)

*bury* 341

C 1	Kare	kAl-, me-
C 2	Girawa	up urue-
C 3	Munit	pakwe-
C 4	Bemal	ob el-
C 5	Sihan	he:raise-
C 6	Gumalu	lele-
C 7	Isebe	žell-
C 8	Amele	helisi-
C 9	Bau	rer-
C10	Panim	yele-

C11	Rapting	borom-
C12	Wamas	mo-
C13	Samosa	mo-
C14	Murupi	me-
C15	Saruga	ari me-
C16	Nake	bumole-
C17	Mosimo	kalimo-
C18	Garus	bulem-
C19	Yoidik	bo?m-
C20	Rempi	bulom-
C21	Bagupi	fo?me-
C22	Silopi	foum-
C23	Utu	fom-
C24	Mawan	fome-
C25	Baimak	itu-
C26	Matepi	fom-
C27	Gal	fome-
C28	Garuh	hubul-
C29	Kamba	fufum-

---

 PO:           tanum
*plant* 342

C 1	kemb-
C 2	be-
C 3	ehc-
C 4	be-
C 5	ehc-
C 6	epe-
C 7	efi-
C 8	ehc-
C 9	ef-
C10	efe-

C11	ew-
C12	kebo-
C13	kev-
C14	ew-
C15	eh-
C16	he-
C17	kewe-
C18	bulem-
C19	bo-
C20	eb-
C21	ehu-
C22	ehu-
C23	eh-
C24	eh-
C25	efu-
C26	eh-
C27	ehu-
C28	ib-
C29	gef-

---

 PO:   tanom



*roast (in fire)*<sup>20</sup> 344

C 1	Kare	mo-
C 2	Girawa	ma'o-
C 3	Munit	ma-
C 4	Bemal	hagɛ-
C 5	Sihan	manɛ-
C 6	Gumalu	namɛ-
C 7	Isebe	yami-
C 8	Amele	manɛ-
C 9	Bau	nam-
C10	Panin	zamɛ-
C11	Rapting	man-
C12	Wamas	malar-
C13	Samosa	verar-, gite
C14	Murupi	ɛma-
C15	Saruga	ma-
C16	Nake	ɛma-
C17	Mosimo	malala-
C18	Garus	ɛlek mag-
C19	Yoidik	mag-
C20	Rempi	mag-
C21	Bagupi	ɛwama-
C22	Silopi	ma-
C23	Utu	ɛma-
C24	Mawan	maye-
C25	Bainak	mayɛ-
C26	Matepi	man-
C27	Gal	mayɛ-
C28	Garuh	man-
C29	Kamba	man-

*boil* 345

C 1	sogo-
C 2	mo-
C 3	ahɛ-
C 4	mɛ-
C 5	?ire-, heki
C 6	i?hire-
C 7	ihili-
C 8	ili-
C 9	ihil-
C10	il-
C11	wam-
C12	womo-
C13	amug-
C14	amo-, se-
C15	omo-
C16	ɛwamu-
C17	fiho-
C18	wa?a-
C19	fis-
C20	taim-
C21	bomo-
C22	ɛma-, pah-
C23	mon-, yars-
C24	ome-
C25	ye-, ekie-
C26	vom-
C27	momɛ-
C28	badi
C29	fari-

---

PO:                   taqo (*bake*)  
                           tunu (*cook of fire*)

*burn* 346

C 1	Kare	inAr-
C 2	Girawa	murumo-
C 3	Munit	ma-
C 4	Bemal	haɣe-
C 5	Sihan	manɛ-
C 6	Gumalu	namɛ-
C 7	Isebe	yami-
C 8	Amele	manɛ-
C 9	Bau	nam-
C10	Panim	zamɛ-
C11	Rapting	man-
C12	Wamas	malar-
C13	Samosa	verar-
C14	Murupi	verar-, mɛrar-
C15	Saruga	
C16	Nake	ma-
C17	Mosimo	malala-
C18	Garus	mag-
C19	Yoidik	ma:g-
C20	Rempi	vɛ-
C21	Bagupi	ma(na)-
C22	Silopi	ma-
C23	Utu	matar-
C24	Mawan	maye-
C25	Baimak	mayɛ-
C26	Matepi	man-
C27	Gal	mayɛ-
C28	Garuh	manɛ-
C29	Kamba	man-

---

 PO: (?) ɲmaRi
*fill up (water)* 347

C 1	elɛ-
C 2	orɛ-
C 3	wɛtɛ-
C 4	ulɛ-
C 5	wɛtɛ-
C 6	taʔɛ-
C 7	wɛti-
C 8	wɛtɛ-
C 9	wɛt-
C10	wɛtɛ-
C11	wɛt-
C12	wɛtɛ-
C13	vɛto-
C14	wete-
C15	wɛtɛ-
C16	wɛtɛ-
C17	wɛtɛ-
C18	vi-
C19	wɛ-
C20	vɛ-
C21	wɛtɛ-
C22	wɛt-
C23	vɛt-
C24	vete-
C25	wɛtɛ-
C26	vɛt-
C27	vɛtɛ-
C28	ose-
C29	gogɛr-

---

 PO: qutup

*buy* 343

C 1	Kare	ki owu-
C 2	Girawa	(?au) mo-
C 3	Munit	gwa-
C 4	Bemal	gaumε-
C 5	Sihan	fayε-
C 6	Gumalu	idatmε-
C 7	Isebe	idad mi-
C 8	Amele	fayε-
C 9	Bau	idat mε-
C10	Panim	idad mε-
C11	Rapting	au-
C12	Wamas	baimo-
C13	Samosa	
C14	Murupi	baimε-
C15	Saruga	baimi-
C16	Nake	dagen mε-
C17	Mosimo	baim-
C18	Garus	dibg-
C19	Yoidik	daʔge-
C20	Rempi	dagdai-
C21	Bagupi	tagen mε-
C22	Silopi	ow-
C23	Utu	baim-
C24	Mawan	irar mu-
C25	Baimak	itatmu-
C26	Matepi	darε m-
C27	Gal	irar mu-
C28	Garuh	dagen hi-
C29	Kamba	irarm-

---

 PO: poli
*eat* 348

C 1	za-, kiga-
C 2	zε-
C 3	de-
C 4	zε-
C 5	dε-
C 6	rε-
C 7	zi-
C 8	yε-
C 9	lε-
C10	ye-
C11	zi-
C12	za-
C13	zau-
C14	zan-, da-
C15	za-
C16	za-
C17	ya-
C18	zε-
C19	za-
C20	za-
C21	za-
C22	raun-
C23	zaun-
C24	da-
C25	da-
C26	lan-
C27	la-
C28	la-
C29	lε-

---

 PO: kani

*kill* 350

C 1	Kare	munḡ-
C 2	Girawa	bɛ-
C 3	Munit	kwe-
C 4	Bemal	ʔwe-
C 5	Sihan	bɛ-
C 6	Gumalu	bɛ-
C 7	Isebe	bi-
C 8	Amele	po-
C 9	Bau	bɛ-
C10	Panim	bɛ-
C11	Rapting	duʔug o-
C12	Wamas	marʌɛ ma-
C13	Samosa	muʔa-
C14	Murup1	mura-
C15	Saruga	pɛ-
C16	Nake	dua-
C17	Mosimo	mora-
C18	Garus	uhil-
C19	Yoidik	po-
C20	Remp1	bɛ-
C21	Bagup1	pɛ-
C22	Silop1	po-
C23	Utu	kwo-
C24	Mawan	kwe-
C25	Baimak	tug ako-, bɛ-
C26	Matep1	pa-
C27	Gal	pɛ-
C28	Garuh	dugu-
C29	Kamba	p-

---

 PO:           paka-mate
*fight (hit)* 349

C 1	aga-
C 2	marai maʔo-
C 3	uri-
C 4	malay mɛ-
C 5	adɛ-
C 6	huba(a)bɛ-, atɛ-
C 7	adi-
C 8	hʌnatɛ-
C 9	fʌn mɛ-
C10	fan ade-
C11	gara(ta) mɛ-, marɛ-
C12	marʌ-
C13	evo-
C14	aʔiri fɛ-
C15	maro-
C16	malo-
C17	ʔpɛwɛ-, malʌ-
C18	nupu-
C19	uhɛl-
C20	oid-
C21	maro-
C22	mam-
C23	mami-
C24	ʌr-, mamɔ-
C25	atu-
C26	aʔ-
C27	aru-
C28	bihal-
C29	s-, kor-

*throw (stone)* 351

C 1	Kare	pewa-
C 2	Girawa	ʔure-
C 3	Munit	peigai-
C 4	Bemal	amah-
C 5	Sihan	here-
C 6	Gumalu	tahule-
C 7	Isebe	dahuli-
C 8	Amele	hele-
C 9	Bau	dahur-
C10	Panim	hele-
C11	Rapting	fe-
C12	Wamas	fo-
C13	Samosa	fo-
C14	Murupi	fe-
C15	Saruga	fe-
C16	Nake	taru-
C17	Mosimo	fo-
C18	Garus	feʔet-
C19	Yoidik	fe-
C20	Rempi	he-
C21	Bagupi	taro-
C22	Silopi	er-
C23	Utu	er-
C24	Mawan	itoure-
C25	Baimak	tare-
C26	Matepi	er-
C27	Gal	e-
C28	Garuh	mave uge-
C29	Kamba	taur-

*shoot* 352

C 1	o-
C 2	
C 3	kwe-
C 4	pas-
C 5	due-
C 6	be-
C 7	bi-
C 8	kusi-
C 9	
C10	he e-
C11	ia-
C12	po-
C13	avug-
C14	pe-, awe-
C15	pe-
C16	be-
C17	pe-
C18	(nu)po-
C19	uyaʔ-
C20	be-
C21	parau-
C22	apor-
C23	kwo-
C24	kew-
C25	be-
C26	pim-
C27	ye-
C28	pi-
C29	timal-

*look for*

C 1	Kare	kole-
C 2	Girawa	inΛ:re-
C 3	Munit	pi-
C 4	Bemal	itan-
C 5	Sihan	ofε-
C 6	Gumalu	mεge-
C 7	Isebe	megi-
C 8	Amele	mεke-
C 9	Bau	mεgat-
C10	Panim	mege-
C11	Rapting	mari-
C12	Wamas	har
C13	Samosa	kit -
C14	Murupi	sor-
C15	Saruga	ite-
C16	Nake	ita-
C17	Mosimo	sΛ:ra-
C18	Garus	mar-
C19	Yoidik	fo?-
C20	Rempi	madi-
C21	Bagupi	masi-
C22	Silopi	aw-
C23	Utu	av-
C24	Mawan	hawe-
C25	Baimak	ara-
C26	Matepi	r-
C27	Gal	mari-
C28	Garuh	madi-
C29	Kamba	mΛri-

*pour out* 357

C 1	eno-
C 2	wouru-
C 3	ngohonde-
C 4	εsik-
C 5	εuse-
C 6	εbuse-
C 7	εsawi-
C 8	pase?to-
C 9	εsaw-
C10	εsawe-
C11	kuri-
C12	pefo-
C13	eifo-
C14	εwuhε-
C15	fura-
C16	foro-
C17	aifu-
C18	alva-
C19	ba?ar-
C20	fura?-
C21	fura-
C22	fura-
C23	fura-
C24	gehele-, ebihe-
C25	ebisal-
C26	vura-
C27	εsirε-
C28	kudi-
C29	gogol-

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 PO: liqi

<i>make</i> <sup>21</sup>	354	<i>work</i> <sup>22</sup>	255
C 1	Kare	neguw-	C 1 mo-
C 2	Girawa	iseru-	C 2 sarΛu mo-
C 3	Munit	uge ito-	C 3 arΛ mε-
C 4	Bemal	guzεn-	C 4 mε-
C 5	Sihan	ode-	C 5 opio-, ehe-
C 6	Gumalu	ubaut-	C 6 apime-, efe-
C 7	Isebe	odi-	C 7 peruwo-, efi-
C 8	Amele	ote-	C 8 api o-, ehe-
C 9	Bau	ot-	C 9 api-, ef-
C10	Panim	ode-	C10 abi o-, efe-
C11	Rapting	mε-	C11 epah mε-
C12	Wamas	mo-	C12 faheli mo-
C13	Samosa	mo-	C13 vit-, kev-
C14	Murupi	mε-	C14 wahlili mε-
C15	Saruga	mε-	C15 paili mε-
C16	Nake	mε-, εnε-	C16 pail εnε-
C17	Mosimo	mo-	C17 fahali mo-
C18	Garus	ma-	C18 ʔu-, hat-
C19	Yoidik	ma-	C19 wei wa-
C20	Rempi	ma-	C20 ipals ma-
C21	Bagupi	ana-	C21 pail mε-
C22	Silopi	an-	C22 pair ow-
C23	Utu	an-	C23 pair aw-
C24	Mawan	mo-, gore-	C24 pair e-
C25	Baimak	ura-	C25 pera-
C26	Matepi	una-	C26 pail wa-
C27	Gal	ere-	C27 pair au-
C28	Garuh	hi-	C28 ipaih hi-
C29	Kamba	se-	C29 kw-

---

PO: pal

*sharpen* 355

C 1	Kare	sel-
C 2	Girawa	merε-
C 3	Munit	kwati-
C 4	Bemal	beg-
C 5	Sihan	mati-
C 6	Gumalu	mati-
C 7	Isebe	meti-
C 8	Amele	mete-
C 9	Bau	met <sup>h</sup> -
C10	Panim	mete-
C11	Raptng	met-
C12	Wamas	mete-
C13	Samosa	ser-
C14	Murupi	wete-
C15	Saruga	zer-
C16	Nake	sele-
C17	Mosimo	mete-
C18	Garus	met <sup>h</sup> -
C19	Yoidik	met-
C20	Rempi	meg-
C21	Bagupi	selu-
C22	Silopi	ser-
C23	Utu	fas-
C24	Mawan	mete-
C25	Baimak	mete-
C26	Matepi	sel-
C27	Gal	mete-
C28	Garuh	hul-
C29	Kamba	met-

*hold* 356

C 1	por-
C 2	ato-
C 3	pare-
C 4	pat-
C 5	fare-
C 6	fare-
C 7	bali-
C 8	hewe-
C 9	fal-
C10	fale-
C11	at-
C12	Λt-
C13	fat-
C14	at-
C15	at-
C16	ata-
C17	at-
C18	at-
C19	at-
C20	at-
C21	atu-
C22	Λt-
C23	Λt-
C24	at-
C26	atu
C27	at-
C28	at-
C29	ara-
C30	ora-

---

PO: tau(dr) (a)  
ka(m)pi (t)



*push* 359

C 1 Kare sel-

C 2 Girawa suoru-

C 3 Munit nunde-

C 4 Bemal su-

C 5 Sihan nude-

C 6 Gumalu sund-

C 7 Isebe sundi-

C 8 Amele sundo-

C 9 Bau sund-

C10 Panim sund-

C11 Raptig gelet-

C12 Wamas

C13 Samosa gerama-

C14 Murupi wihawa ug-

C15 Saruga ugue-

C16 Nake inor oge-

C17 Mosimo gilale kuga-

C18 Garus yeli-

C19 Yoidik asi-

C20 Remp1 kikel-, isen-

C21 Bagupi

C22 Silopi em-

C23 Utu amen-

C24 Mawan sununuer-

C25 Baimak sunetu-

C26 Matepi sununu er-

C27 Gal eni-

C28 Garuh dudun-

C29 Kamba dutun-

*pull* 358

C 1 gura-

C 2 deuru-

C 3 are-

C 4 kaw-

C 5 di:de-

C 6 e?era-

C 7 didi-

C 8 tito-

C 9 dit<sup>h</sup>ε-

C10 did-

C11 pay-

C12 aha-

C13 au-

C14 wisawa-

C15 ora-

C16 ele-

C17 wiha-

C18 tun-

C19 wi?da?-

C20 wira?-

C21 oro-

C22 erais-

C23 dato-

C24 eule-

C25 ere-

C26 dat-

C27 ere-

C28 iyeř-

C29 beru-

*scratch (skin)* 361

C 1	Kare	nanamb-
C 2	Girawa	isis araru-
C 3	Munit	gerete-
C 4	Bemal	kal
C 5	Sihan	kereude-
C 6	Gumalu	ninife-
C 7	Isebe	ti?i-
C 8	Amele	si?i-
C 9	Bau	nahinti?-
C10	Panim	ti?-
C11	Rapting	fakel-
C12	Wamas	ger-
C13	Samosa	
C14	Murupi	nasig-
C15	Saruga	ger-
C16	Nake	pagara
C17	Mosimo	gel-
C18	Garus	gel-
C19	Yoidik	gel-
C20	Remp1	gel-
C21	Bagupi	pagere-
C22	Silopi	met-
C23	Utu	pag-
C24	Mawan	pagare-
C25	Bainak	pakare-
C26	Matepi	parag-
C27	Gal	pagere
C28	Garuh	paga?-
C29	Kamba	pagal-

---

 PO: kari(s)
*put* 360

C 1	mo-
C 2	mo-
C 3	me-
C 4	moit-
C 5	me-
C 6	me-
C 7	mi-
C 8	me-
C 9	me-
C10	me-
C11	me-
C12	mo-
C13	mo-
C14	me-
C15	me-
C16	me-
C17	bani mo-
C18	mat-
C19	ma-
C20	ma-, wanama-
C21	me-
C22	me-
C23	mo-
C24	mu-
C25	mu-
C26	ma-
C27	ma-
C28	mi-
C29	m-

<i>smell</i> <sup>23</sup>	363	<i>swallow</i> <sup>24</sup>	364
C 1	Kare	nemene gum-	C 1 angan-
C 2	Girawa	somoro-	C 2 niʔane-
C 3	Munit	irunde-	C 3 kurũye-
C 4	Bemal	itu do-	C 4 gulu te-
C 5	Sihan	ahagud-	C 5 deana no-
C 6	Gumalu	uhuli me-	C 6 lean nu-
C 7	Isebe	afug mi-	C 7 zeau nu-
C 8	Amele	ahoug me-, nusue-	C 8 peluto-
C 9	Bau	uhuli me-	C 9 no-
C10	Panim	afug me-	C10 yan no-
C11	Rapting	uri do-	C11 zifag-
C12	Wamas	muhu aido-	C12 zaifug-
C13	Samosa	musaga-	C13 saifog-
C14	Murupi	musug a-	C14 fog-
C15	Saruga	fufuri do-	C15 fog-
C16	Nake	uligi-	C16 dawaga-
C17	Mosimo	muhug a-	C17 zalifog
C18	Garus	ulu doh-	C18 fig-
C19	Yoidik	uʔu doh-	C19 yafog-
C20	Rempi	honi du-	C20 zaheg-
C21	Bagupi	uhuli-, gori do-	C21 dawagu-
C22	Silopi	oh-	C22 wagarug-
C23	Utu	uf-	C23 wag-
C24	Mawan	uhurer-	C24 la:b no-
C25	Balmak	afa mu-	C25 dav no-
C26	Matepi	ur-	C26 lav on-
C27	Gal	hurige-	C27 lawa no-
C28	Garuh	uʔig-	C28 sabaug-
C29	Kamba	kulig m-	C29 unub-

---

 PO: tono

*tie* 366

C 1	Kare	gor(a)-
C 2	Girawa	deuru-
C 3	Munit	ti(nde)-
C 4	Bemal	di-
C 5	Sihan	dide-
C 6	Gumalu	tite-
C 7	Isebe	didi-
C 8	Amele	tito-
C 9	Bau	dite-
C10	Panim	did-

C11	Rapting	paiž-
C12	Wamas	kaha-
C13	Samosa	diga-
C14	Murupi	tataba-
C15	Saruga	tade-
C16	Nake	pai-
C17	Mosimo	numru-
C18	Garus	tun-
C19	Yoidik	wi?da-
C20	Rempi	vida?-
C21	Bagupi	tati-
C22	Silopi	tat-
C23	Utu	tat-
C24	Mawan	tate-
C25	Baimak	dide-
C26	Matepi	tat-
C27	Gal	tate-
C28	Garuh	susi-
C29	Kamba	tior-

---

PO: paqu, pusi

*fasten* 366

C 1	kor-
C 2	pa:ru-
C 3	i:re-
C 4	ki-
C 5	dere-
C 6	lele-
C 7	bagi-
C 8	bake-, kaki-
C 9	rer-
C10	bage-

C11	man-
C12	
C13	vite-
C14	aha-
C15	pag-
C16	page-
C17	fu?o-
C18	vit-
C19	tahn-
C20	vi t-
C21	pag-
C22	pag-
C23	papoř-
C24	kwag-
C25	pagu-
C26	pag-
C27	pag-
C28	pag-
C29	bag-

<i>laugh</i> 369			<i>take</i> 365		
C 1	Kare	emo-	C 1	ub-	
C 2	Girawa	yo-	C 2	ou-	
C 3	Munit	beriwa-	C 3	ogo-	
C 4	Bemal	ime-	C 4	o-	
C 5	Sihan	u:ba i:b-	C 5	o-	
C 6	Gumalu	bahimo-	C 6	o-	
C 7	Isebe	ahali-	C 7	wo-	
C 8	Amele	asale-	C 8	o(i)-	
C 9	Bau	ahale-	C 9	o-	
C10	Panim	ahale-	C10	o-	
C11	Rapting	im-	C11	au-	
C12	Wamas	kahe imo-	C12	Λ-	
C13	Samosa	gase imo-	C13	Λu-	
C14	Murupi	gaha me-	C14	a-	
C15	Saruga	ime-	C15	au-	
C16	Nake	imi-	C16	au-	
C17	Mosimo	imo-	C17	a-	
C18	Garus	im-	C18	u-	
C19	Yoidik	im-	C19	au-	
C20	Rempi	im-	C20	au-	
C21	Bagupi	imi-	C21	au-	
C22	Silopi	im-	C22	ow-	
C23	Utu	im-	C23	aw-	
C24	Mawan	ime-	C24	a-	
C25	Balmak	ime-	C25	au-	
C26	Matepi	im-	C26	aw-	
C27	Gal	imi-	C27	au-	
C28	Garuh	im-	C28	u-	
C29	Kamba	im-	C29	w-	

---

PO: kata(kata)

*call out* 367

C 1	Kare	ε-
C 2	Girawa	uřbe-
C 3	Munit	utay-
C 4	Bemal	urur-
C 5	Sihan	u:te-
C 6	Gumalu	utay-
C 7	Isebe	ewi-
C 8	Amele	ute'ε-
C 9	Bau	ut <sup>h</sup> ay-
C10	Panim	uta-
C11	Rapting	u:law -
C12	Wamas	ro-
C13	Samosa	vo-
C14	Murupi	wε-
C15	Saruga	vε
C16	Nake	ulwe-
C17	Mosimo	wε-
C18	Garus	ulvi-
C19	Yoidik	ulwe-
C20	Rempi	ulve-
C21	Bagupi	urwe-
C22	Silopi	wε-
C23	Utu	v-
C24	Mawan	we-
C25	Balmak	ve-
C26	Matepi	wo-, li-
C27	Gal	wε-
C28	Garuh	wurl-
C29	Kamba	uru-

---

 PO: (?) kalaga
*cry* 368

C 1	ko-
C 2	bayε-
C 3	kwa-
C 4	weine-
C 5	ba-
C 6	barε-
C 7	pa-
C 8	payε-
C 9	ʔpaɾ-
C10	baye-
C11	aža-
C12	bia-
C13	biga-
C14	pa-
C15	pa-
C16	ba-
C17	bla-
C18	ʔε-
C19	ai-
C20	ʔa-
C21	pa-
C22	paun-
C23	kwa-
C24	kwa-
C25	ba-
C26	puan-
C27	ʔpa-
C28	ba-
C29	kwan-

---

 PO: tanis

<i>dance</i> 370		<i>singing</i> <sup>25</sup> 370	
C 1 Kare	ila-	C 1 kambi e-	
C 2 Girawa	ete-	C 2 sil be-	
C 3 Munit	barai dua-	C 3 barai ode-	
C 4 Bemal	magen me-	C 4 kabal ?u-	
C 5 Sihan	parai du-	C 5 parai sire-	
C 6 Gumalu	baray tu-	C 6 barai o-	
C 7 Isebe		C 7 seg bu?i-	
C 8 Amele	i:k me-	C 8 tuwe sili-	
C 9 Bau	sek tu?-	C 9 sek sir-	
C10 Panim	due du-	C10 due hil-	
C11 Raptang	asu il	C11 asu wer-	
C12 Wamas		C12 kahu ver-	
C13 Samosa		C13 kavi ver-	
C14 Murupi	ura me-	C14 do-, wer-	
C15 Saruga	asu ile-	C15 aigiga ver-	
C16 Nake	ila	C16	
C17 Mosimo		C17 kahu vere-	
C18 Garus		C18 asu ma-	
C19 Yoidik		C19 dugum-	
C20 Remp1	dugum-	C20 hetve-	
C21 Bagupi	abi ila-	C21 awi beru-	
C22 Silopi	faug oro awiay-	C22 awiro wer-	
C23 Utu	avi ra-	C23 avi ver-	
C24 Mawan	fau gara avile-	C24 gara aviver-	
C25 Baimak	parei ira-	C25 parei vetu-	
C26 Matepi	avi il-	C26 avi ver-	
C27 Gal	du ire-	C27 du wer-	
C28 Garuh	ahi ed-, gor-	C28 ahi gote-, du idu-	
C29 Kamba	denis m-	C29 kasi r-	

---

PO: sanjka(q)

*turn oneself* 371

C 1	Kare	iliga-
C 2	Girawa	ep(i) tiru, etc-
C 3	Munit	waide-
C 4	Bemal	ahel-
C 5	Sihan	faride-
C 6	Gumalu	eriwi-
C 7	Isebe	erawi-
C 8	Amele	falito-
C 9	Bau	falit-
C10	Panim	elave-
C11	Raptang	pilab-
C12	Wamas	bilina-
C13	Samosa	berina-
C14	Murupi	birina-
C15	Saruga	awize-
C16	Nake	wazi-
C17	Mosimo	bilina-
C18	Garus	fala-
C19	Yoidik	pilau-
C20	Rempi	bule-, ilau-
C21	Bagupi	baye-
C22	Silopi	pese-
C23	Utu	pavas-, peror-
C24	Mawan	paihag-
C25	Baimak	balisetu-
C26	Matepi	avul-
C27	Gal	eure-
C28	Garuh	buŕi-
C29	Kamba	buli-

---

PO: pulli(q)  
saga

*dream* 374

C 1	ningai mo-
C 2	epire-
C 3	bibiri-
C 4	wabil-
C 5	bebere-
C 6	bebere-
C 7	bebeli-
C 8	bebele-
C 9	bepe-
C10	bebele-
C11	pan me-
C12	nigai abo-
C13	nigai mo-
C14	nigai ta-
C15	nigazaga it(ε)
C16	abula ak-
C17	nigai ab-
C18	pan ma-
C19	di'o-
C20	ʔulo-
C21	eburau-
C22	bab-
C23	vav-
C24	wawure-
C25	wapire-
C26	wavur-
C27	tul ne-
C28	sul ni-, sul mi-
C29	tul ni-

---

PO: nipi



*(be) sick* 380

C 1	Kare	begeru ma-
C 2	Girawa	sip be-
C 3	Munit	ũhã kwε-
C 4	Bemal	εʔbe mε-
C 5	Sihan	sA:ki be-
C 6	Gumalu	sAʔ be-
C 7	Isebe	sA:g mi-
C 8	Amele	hAgbo-
C 9	Bau	sAk pε-
C10	Panim	hag be-
C11	Rapting	veleu be-
C12	Wamas	vilou ma-
C13	Samosa	verou ma-
C14	Murupi	were ma-
C15	Saruga	werau ma-
C16	Nake	wεle wa-
C17	Mosimo	welo ma-
C18	Garus	vale ma-, sup ma
C19	Yoidik	
C20	Rempi	mo-
C21	Bagupi	wεlau mau-
C22	Silopi	were mo-, were po-
C23	Utu	vεʔε ma-
C24	Mawan	veri kwe-
C25	Baimak	ver be-
C26	Matepi	vεle a-
C27	Gal	ware mε-
C28	Garuh	ware bi-
C29	Kamba	ware m-

---

 PO: ma(n)sakit
*be afraid* 375

C 1	bo-
C 2	imine-
C 3	umuni-
C 4	umine-
C 5	umunε-
C 6	umuni-
C 7	umuni-
C 8	uʔuyε-
C 9	umuni-
C10	ue-
C11	wanař-
C12	vanAg-
C13	vanAg-
C14	wanag-
C15	wanite-
C16	fare-
C17	vinAg-
C18	van-
C19	wan-
C20	van-
C21	wahitei-
C22	wat-
C23	wato-
C24	wanite-
C25	iome-
C26	wat-
C27	fare-
C28	bař-
C29	far-

---

 PO: matakut

	<i>cooked</i>	232
C 1	Kare	orow-
C 2	Girawa	žere-
C 3	Munit	u-
C 4	Bemal	el-
C 5	Sihan	ʔi:-
C 6	Gumalu	iha
C 7	Isebe	iy-
C 8	Amele	izi-
C 9	Bau	i-
C10	Panim	iye-
C11	Rapting	žalu
C12	Wamas	a:ru
C13	Samosa	aru
C14	Murupi	alu
C15	Saruga	o-
C16	Nake	are-
C17	Mosimo	aru-
C18	Garus	žal-
C19	Yoidik	yel-
C20	Rempi	eel-, taim-
C21	Bagupi	ʔo-
C22	Silopi	e-
C23	Utu	ʔe-
C24	Mawan	e-
C25	Baimak	ema-
C26	Matepi	a-
C27	Gal	ou-
C28	Garuh	ar-
C29	Kamba	ar-

---

PO: moso

	<i>think</i> <sup>26</sup>	373
C 1	dande	mo-
C 2	doroʔate-	
C 3	dau me-	
C 4	dabuk el-	
C 5	iside-	
C 6	iste-	
C 7	isdi-	
C 8	isto-	
C 9	iste-	
C10	isd-	
C11	deb me-	
C12	dava mo-	
C13	de safo-	
C14	dawa me-	
C15	dahage-	
C16	dah me-	
C17	dava mo-	
C18	dip ma-	
C19	dep me-	
C20	deb ma-	
C21	dahu me-	
C22	da m-	
C23	da m-	
C24	dahu me-	
C25	tatum-	
C26	dahu m-	
C27	is er-	
C28	dab mi-	
C29	dahu m-	

*thundering*<sup>26</sup>

C 1	Kare	samba-, sangara-
C 2	Girawa	om urir-
C 3	Munit	bāhay-
C 4	Bemal	amel kuay-
C 5	Sihan	periapa pe-
C 6	Gumalu	merawa pe-
C 7	Isebe	belin ni-
C 8	Amele	pe:li po-
C 9	Bau	peři pe-
C10	Panim	beli ne-
C11	Rapting	sab pe-
C12	Wamas	sabe po-
C13	Samosa	save o-
C14	Murupi	saba pe-
C15	Saruga	agara pe-
C16	Nake	agar pe-
C17	Mosimo	saw ?po-
C18	Garus	se pu-
C19	Yoidik	sab po-
C20	Rempi	sa:p ?pe-
C21	Bagupi	agar be-
C22	Silopi	eb kwararaw-
C23	Utu	ep o-
C24	Mawan	la:b kwarara-
C25	Balmak	weli be-
C26	Matepi	e p-
C27	Gal	sagar pe-
C28	Garuh	hagar pi-, ha:b pi-
C29	Kamba	sagar pi-

*lightning*

C 1	pililia-
C 2	erman du-
C 3	piay-
C 4	amel he-
C 5	amera fiay-
C 6	sasawe-
C 7	movi perai-
C 8	fele-
C 9	peři fiay-
C10	amel fela-
C11	amem as-
C12	amem ahi-
C13	ameme fo-
C14	sawa pirira-
C15	pirili apa-
C16	amem be-
C17	ameme lhe-
C18	se amem az-
C19	amiř as-
C20	amur as-
C21	amen pipile-
C22	eb aru-
C23	ep bir-
C24	ab amure-
C25	amur le-
C26	ampil er-
C27	ampir au-
C28	amem aw-
C29	ampir w-

---

 PO: pila(k)

APPENDIX A  
DUAL PRONOUN FORMS

*we two* 30

	Free	Genitive	Verbal Object
C 1 Kare	za-amba	-(pl) <sup>27</sup>	-(pl)-
C 2 Girawa	iʔ naigari	-(pl)	-(pl)-
C 3 Munit	i-re	-it	-ir-
C 4 Bemal	ig za-y al	-ir	-(pl)-
C 5 Sihan	i-re	-ire	-ire-
C 6 Gumalu	i-re	-irel	-iri-
C 7 Isebe	i-le	-ili	-ili-
C 8 Amele	ε-le	-ile	-ili-
C 9 Bau	i-re	-ire	-ir-
C10 Panim	i-le	-ili	-il-
C11 Raptang	i-t	-it	-it-
C12 Wamas	zo arita	-it	-it-
C13 Samosa	zogo arl	-(pl)	-zatu-
C14 Murup1	yanagata	-inu	-at-
C15 Saruga	i:y	-iat	-atu-
C16 Nike	i:arial	-iat	-iti-
C17 Mosimo	zoy arita	-iti	-yet-
C18 Garus	i-t	-t	-et-
C19 Yoidik	da naɣ pa (?)	-(pl)	-(pl)-
C20 Remp1	da mey-Ø pa	-(pl)	-(pl)-
C21 Bagup1	i-y	-iat	-t-
C22 Silop1	il	-yet	-(t)et-
C23 Utu	i:	-izet	-zet-
C24 Mawan	i-r	-(i)et, -ret	-(r)et-, -it-
C25 Baimak	iat1	-(i)et	-tu-
C26 Matep1	i:	-itet, -let	-it-
C27 Gal	i:	-ilet	-t-
C28 Garuh	is	-nis	-is-
C29 Kamba	i	-nit	-it-

you two 31

	Free	Genitive	Verbal Object
C 1 Kare	wu-mba	-(pl)	-(pl)-
C 2 Girawa	a sau-n ari	-(pl)	-(pl)-
C 3 Munit	a-re	-aro	-ar-
C 4 Bemal	Ag zau-n al	-ar	-(pl)-
C 5 Sihan	Λ-re	-Λ?	-are-
C 6 Gumalu	a-re	-(r)ai	-are-
C 7 Isebe	Λ-le	-ΛΛ	-ali-
C 8 Amele	a-le	-al	-ale-
C 9 Bau	a-re	-ara	-ar-
C10 Panim	Λ-le	-ala	-ale-
C11 Rapping	a-t	-at	-yat-
C12 Wamas	ayε arita	-ay	-at-
C13 Samosa	Age ari	-(pl)	-atu-
C14 Murupi	ay ariεta	-ia	-(y)at-
C15 Saruga	ay	-(i)Λri	-(ta)tu-
C16 Nake	Λ ariai	-tεli	-(it)iti-
C17 Mosimo	Λy arita	-na	-at-
C18 Garus	ε-t	-yak	-(a)yad-
C19 Yoidik	nAg mε-n pa	-(pl)	-(pl)-
C20 Remp1	nAk mey-n ba	-(pl)	-(pl)-
C21 Bagupi	ε-y	-tVli	-tVt-
C22 Silopi	εb	-nawar	-(t)at-
C23 Utu	εv	-navat	-(εt)at-
C24 Mawan	a-r	-ar, -nar	-(u)nAt-
C25 Baimak	Λti (?)	-ar	-(pl)-
C26 Matepi	εv	-(u)nar	-(t)at-
C27 Gal	εv	-ar,	-nt-
C28 Garuh	as	-las	-(y)as-
C29 Kamba	a	-las	-(t)at-

*they two*

	Free	Genitive	Verbal Object
C 1 Kare	keru	-(pl)	-(pl)-
C 2 Girawa	ε?i sau-g ari	-(pl)	-(pl)-
C 3 Munit	urε	-aro	-ar-, -nar-
C 4 Bemal	go zau-g al	-ar	-(pl)-
C 5 Sihan	u?pa-rε	-Λ?	-arε-
C 6 Gumalu	hoa-re	-(r)ai	-arε-
C 7 Isebe	hoa-le	-ΛΛ	-ali-
C 8 Amele	owa-le	-alε	-alε-
C 9 Bau	hoa-re	-ara	-ar-
C10 Panim	hoa-le	-ala	-ale-
C11 Raptng	aire	-at	-yat-
C12 Wamas	ay arita	-ay	-at-
C13 Samosa		-	-Λtu-
C14 Murup1	ε arl ta	-la	-(y)at-
C15 Saruga	llay	-(l)Λrl	-(ta)tu-
C16 Nake	ilay	-teli	-(it)iti-
C17 Mosimo	nug arita	-na	-at-
C18 Garus	ine-t (?)	-yak	-(a)yad-
C19 Yoidik	on me-? pa	-(pl)	-(pl)
C20 Remp1	en mey-? ba	-(pl)	-(pl)
C21 Bagup1	ε-y	-tVll	-tVt-
C22 Silop1	era	-nawar	-(t)at-
C23 Utu	era	-navat	-(εt)at-
C24 Mawan	erar	-ar, -nar	-(u)nat-
C25 Baimak	Λtow	-ar	-(pl)-
C26 Matep1	εla	-(u)nar	-(t)at-
C27 Gal	be arlt	-ar	-nt-
C28 Garuh		-las	-(y)as-
C29 Kamba	uni Arlt	-las	-(t)at-

APPENDIX B  
MABUSO PRONOUNS

	Free	Possessive	Genitive	Verbal Object
KARE				
1sg	su	sut-angu	-ya, -i	-il-
2sg	nu	nun-angu	-na, -nga	-as-
3sg	nonga, el	nung-angu	-unga, -ba, -a, -Ø	-d-, -Ø-
1pl	sa, za, ya	yey-angu	-inda	-ind-
2pl	wu	wu-angu	-a(i), -ungu	-rond-
3pl	(z)anga	ang-angu	-a(i), -ungu	-rond-
1dl	sa-amba	yey- gu	-(pl)	-(pl)-
2dl	wu-mba	wu-agu	-(pl)	-(pl)-
3dl	keru	keru-agu	-(pl)	-(pl)-
GIRAWA				
1sg	ita	ita-n	-y, -r, -l, -Ø	-ir-
2sg	nΛ	nΛ-n	-n, -t	-is-
3sg	εʔi, o	o-n	-w, -k, -ʔ	-r-, -Ø-
1pl	iʔε	iʔε-n	-oʔ	-oʔ-
2pl	ΛʔΛ	ΛʔΛ-n	-a(ka)	-bΛr-
3pl	εʔi	εʔi-Λn	-a(ka)	-bΛr-
1dl	iʔ naigarl	iʔ-bεn	-(pl)	-(pl)
2dl	a sau-n ari	Λʔ-bεn	-(pl)	-(pl)
3dl	εʔi sau-g ari	Λʔi-bεn	-(pl)	-(pl)

	Free	Possessive	Genitive	Verbal Object
MUNIT				
1sg	isa	isa-go	-i, -Ø	-it-
2sg	na	na-go	-n, -Ø	-is-
3sg	ugε	ug-ago	-Ø, -g, -ʔ -u	-(v)d-, -Ø-
1pl	i-gε	ig-o	-k, igi	-ig-
2pl	a-gε	ag-o	-a(ʔ)	-ad-
3pl	u-gε	ugε-ago	-a(ʔ)	-ad-
1dl	i-rε	ir-o	-it	-ir-
2dl	a-rε	εr-o	-aro	-ar-
3dl	u-rε	ugεar-o	-aro	-ar-

BEMAL				
1sg	is	is-al	-l, -y, -Ø	-ile-
2sg	na	na-it	-i, -(a)n, -t, -Ø	-ize-
3sg	guε	(ʔ)	-(a)g, -b, -Ø	-r-, -Ø-
1pl	ig	ig-al	-ig	-igε-
2pl	Λg	Λg-al	-ag	-arε-
3pl	go	go-agal	-ag	-arε-
1dl	ig za-y al		-ir	-(pl)-
2dl	Λg zau-n al		-ar	-(pl)-
3dl	go zau-g al		-ar	-(pl)-

SIHAN				
1sg	isa	isa-wa	-l, -(i)a, -i	-itε-
2sg	ina	ina-wa	-na, -a	-isε-
3sg	uʔpa	uʔpa-wa	-ʔ, -ba, -ku, -Ø	-utε-, -urε-, -Ø-
1pl	i-kε	ike-wa	-ike	-ike-
2pl	Λ-kε	Λke-wa	-(i)Λʔ	-atε-
3pl	uʔpa-kε	uʔpa-wa	-(i)Λʔ	-atε-
1dl	i-rε	ire-wa	-ire	-irε-
2dl	Λ-rε	Λre-wa	-Λʔ	-arε-
3dl	uʔpa-rε	uʔpare-wa	-Λʔ	-arε-



	Free	Possessive	Genitive	Verbal Object
GUMALU				
1sg	isa	isa-w	-i, -Ø	-ite-
2sg	ina	ina-w	-Vn	-ise-
3sg	u?pa	u?pa-w	-(V)g, -w	-ute-, -Ø-
1pl	i-gε	igε-w	-ikei	-igi-
2pl	a-gε	agε-w	-(r)a	-ate-
3pl	u?pa-gε	u?pa-gε-w	-(r)a	-ate-
1dl	i-re	ir-ow	-irei	-iri-
2dl	a-re	ar-ow	-(r)ai	-are-
3dl	hoa-re	hoar-ow	-(r)ai	-are-

ISEBE				
1sg	ise	ises-u	-i, -Ø	-isi-
2sg	ine	inen-u	-Vn	-isi-
3sg	u?pa	u?pab-u	-ag, -u, -f, -Ø	-(V)di-, -Ø-
1pl	i-gε	igεg-u	-igi	-igi-
2pl	Λ-gε	ΛgεΛg-u	-Λg	-adi-
3pl	hoa-gε	hoagεΛg-u	-Λg	-adi-
1dl	i-le	ilel-u	-ili	-ili-
2dl	Λ-le	ΛleΛl-u	-ΛlΛ	-ali-
3dl	hoa-le	hoaleΛl-u	-ΛlΛ	-ali-

AMELE				
1sg	isa	isa-na	-i	-iti-
2sg	ina	ina-na	-n, -Ø	-ihi-
3sg	u?pa	u?pa-na	-ik, -ak	-uti-
1pl	ε-kε	εkε-na	-ike	-iki-
2pl	a-kε	akε-na	-aka	-ate-
3pl	owa-kε	owakε-na	-aka	-ate-
1dl	ε-le	εle-na	-ile	-ili-
2dl	a-le	ale-na	-ale	-ale-
3dl	owa-le	owale-na	-ale	-ale-

	Free	Possessive	Genitive	Verbal Object
			BAU	
1sg	isa	is-ow	-i	-it-
2sg	ina	in-ow	-(i)n, -Ø	-is-
3sg	u?pa	u?p-ow	-n, -f, -(V)k, -u, -Ø	-ut-, -Ø-
1pl	i-kε	ik-ow	-ikε	-ik-
2pl	a-kε	ak-ow	-a(ka)	-at-
3pl	hoa-kε	hoak-ow	-a(ka)	-at-
1dl	i-rε	ir-ow	-irε	-ir-
2dl	a-rε	ar-ow	-ara	-ar-
3dl	hoa-rε	hoar-ow	-ara	-ar-

			PANIM	
1sg	ise	sis-u	-i, -Ø	-(i)t-
2sg	ine	nin-u	-(i)a, -Ø	-is-
3sg	u?pa		-(V)g, -u, -f, -Ø	-ud-
1pl	i-gε	gig-u	-igi	-ig-
2pl	Λ-gε	Λgug-u	-ag(a)	-ade-
3pl	hoΛ-gε	hoΛg-u	-ag(a)	-ade-
1dl	i-lε	lil-u	-ill	-il-
2dl	Λl-ε	alul-u	-ala	-ale-
3dl	hoΛ-lε	ho lul-u	-ala	-ale-

			RAPTING	
1sg	sa	hahl-a	-i, -a, -ε	-r-
2sg	nage	nag-a	-n, -na, -tε	-εh-, -ah-
3sg	nugo	nug-a	-Vg, -u, -Ø	-d-, -Ø-
1pl	zogo	zog-a	-ig	-ig-
2pl	Λgε	ag-a	-gar	-ad-
3pl	zou naga	zounag-a	-gar	-ad-
1dl	zo arita	zoy-a	-it	-it-
2dl	ayε arita	ay-a	-ay	-at-
3dl	ay arita	ay-a	-ay	-at-

	Free	Possessive	Genitive	Verbal Object
WAMAS				
1sg	sa	hahi-a	-i, -a, -ε	-r-
2sg	nage	nag-a	-n, -na, -tε	-εh-, -ah-
3sg	nugo	nug-a	-Vg, -u, -∅	-d-, -∅-
1pl	zogo	zog-a	-ig	-ig-
2pl	age	ag-a	-gar	-ad-
3pl	zou naga	zounag-a	-gar	-ad-
1dl	zo arita	zoy-a	-it	-it-
2dl	aye arita	ay-a	-ay	-at-
3dl	ay arita	ay-a	-ay	-at-

SAMOSA				
1sg	sage	sag-a	-i, -ε, -∅	-(zλ)ru-
2sg	nage	nag-a	-nε, -tε	-su-
3sg	nugo	nug-a	-ogu, -g, -∅	-ru-, -w-, -∅-
1pl	zogo	zog-a	-igu	-(zλ)gu-
2pl	age	ag-a	-na(na), -naga	-λru-
3pl	guru?e (?)		-na(na), -naga	-λru-
1dl	zogo ari		-(pl)	-(zλ)tu-
2dl	age ari		-(pl)	-λtu-
3dl			-(pl)	-λtu-

MURUPI				
1sg	sa	sag-a	-ya, -a, -∅	-al-
2sg	naga	nag-a	-na, -ta	-s-
3sg	nuga	nug-a	-(u)gu, -∅	-r-, -∅-
1pl	iga	ig-a	-inugu	-ag-
2pl	aga	ag-a	-iaga	-(y)ar-
3pl	inari		-iaga	-(y)ar-
1dl	yan gata (?)		-inu	-at-
2dl	ay arieta (?)		-ia	-(y)at-
3dl	ε arieta (?)		-ia	-(y)at-

	Free	Possessive	Genitive	Verbal Object
SARUGA				
1sg	saga	sag-a	-ia, -i, -na	-aru-
2sg	naga	nag-a	-n(a), -t(a)	-hu-, -hε-, -ze-
3sg	nuga	nug-a	-ag, -gu, -Ø	-ru, -Ø-
1pl	iga	ig-a	-iag	-agu-
2pl	aga	ag-a	-(i)gari	-(ra)ra-
3pl	aga	ag-a	-(i)gari	-(ra)ra-
1dl	i:y		-iat	-atu-
2dl	ay		-(l)ari	-(ta)tu-
3dl	ieay		-(l)ari	-(ta)tu-

NAKE				
1sg	sag	sag-a	-i, -in	-ili-
2sg	nag	nag-a	-n, -un	-isi-
3sg	nug	nug-a	-ag, -y, -Ø	-re-, -Ø-
1pl	ig	ig-a	-iag	-igi-
2pl	ag	ag-a	-geri	-(ir)iri-
3pl	ag:gen		-geri	-(ir)iri-
1dl	i: ariai	ly-a	-lat	-iti-
2dl	^ ariai	ay-a	-teli	-(it)iti-
3dl	ilay	ilay-a	-teii	-(it)iti-

MOSIMO				
1sg	s^	sahi-a	-i, -Ø	-l-
2sg	nag	nag-a	-nε, -tε	-(u)h-
3sg	nugo	nug-a	-Ø, -ugu, -ε	-(u)r-, -Ø-
1pl	zogo	zog-a	-igε	-yeg-
2pl	agε	ag-a	-na(na)	-ar-
3pl	zouna	zounag-a	-na(na)	-ar-
1dl	zoy arita	zoy-a	-iti	-yet-
2dl	ay arita	ay-a	-na	-at-
3dl	nug arita	ay-a	-na	-at-

	Free	Possessive	Genitive	Verbal Object
			GARUS	
1sg	dε <sup>28</sup>	dε-h	-Ø, -i	-εl-
2sg	nεg	nεg-εh	-n, -Ø	-ir-
3sg	nug	nug-εh	-Vk, -V?, -Ø	-Ø-, -ur-
1pl	i-g	ig-εh	-k	-εg-
2pl	ε-g	εg-εh	-yak	-(a)yad-
3pl	inε-g, god	inεg-εh	-yak	-(a)yad-
1dl	i-t	it-εh	-t	-εt-
2dl	ε-t	εt-εh	-yak	-(a)yad-
3dl	inε-t	inεt-εh	-yak	-(a)yad-

			VOIDIK	
1sg	dΛ?	dΛ?-Λ	-y	-l-
2sg	nΛg	nΛg-Λ	-n	-di-
3sg	go, won	won-ga	-k, -?	-d-, -Ø-
1pl	yit	yit-Λ	-t	-t-
2pl	Λg	Λg-Λ	-yak	-yad-
3pl	god, won	god-ga	-yak	-yad-
1dl	dΛ nΛg pa		-(pl)-	-(pl)-
2dl	nΛg mε-n pa		-(pl)-	-(pl)-
3dl	won mε-? pa		-(pl)-	-(pl)-

			REMPI	
1sg	dΛ	dΛ-h	-Ø	-(i)l-
2sg	nΛk	nΛg-Λh	-n	-id-
3sg	nuk	nug-Λh	-(V)k, -l, -Ø	-Ø-, -d-
1pl	it	it-Λh	-t	-it-
2pl	hΛk	hΛg-Λh	-gεt	-yad-
3pl	god	god-gΛh	-gεt	-yad-
1dl	dΛ mεy-Ø ba		-(pl)-	-(pl)-
2dl	nΛk mεy-n ba		-(pl)-	-(pl)-
3dl	εn mεy-? ba		-(pl)-	-(pl)-

	Free	Possessive	Genitive	Verbal Object
BAGUPI				
1sg	sɛg	sag-a	-y, -n, -∅	-l-
2sg	nɛg	nag-a	-un	-s-
3sg	nug	nug-a	-Vg, -∅	-r-, -∅-
1pl	i-g	ig-a	-(g)iag	-g-
2pl	ɛ-g	ɛg-a	-gVri	-rVr-
3pl	ɛgɛhun	ɛg-a	-gVri	-rVr-
1dl	i-y	iy-a	-iat	-t-
2dl	ɛ-y	ɛy-a	-tVli	-tVt
3dl	ɛ-y	ɛy-a	-tVli	-tVt-

SILOPI				
1sg	sɛg	say-ay	-i	-(r)ɛr-
2sg	nɛg	nag-an	-un	-s-
3sg	nug	nug-ag	-g, -u, -∅	-r-, -∅-
1pl	ig	ig-ag	-iɛg	-(r)ɛg-
2pl	ɛg	ɛg-ag	-nagar	-(r)ar-
3pl	ɛsa	ɛg-ag	-nagar	-(r)ar-
1dl	il		-yɛt	-(t)ɛt-
2dl	ɛb		-nawar	-(t)at-
3dl	ɛra		-nawar	-(t)at-

UTU				
1sg	sɛk	sag-a	-i, -∅	-zɛr-
2sg	nɛk	nag-a	-(u)n	-ɛs-
3sg	nuk	nug-a	-k, -ag, -n, -∅	-r-, -∅-
1pl	ik	ig-a	-izek	-zɛg-
2pl	ɛk	ɛg-a	-nagar	-(ɛr)ar-
3pl	ɛsa	ɛsa-ga	-nagar	-(ɛr)ar-
1dl	i:	iz-a	-izɛt	-zɛt-
2dl	ɛv	ɛv-a	-navat	-(ɛt)at-
3dl	ɛra	ɛraɛr-a	-navat	-(ɛt)at-

	Free	Possessive	Genitive	Verbal Object
MAWAN				
1sg	hak	hag-i	-i	-VI-
2sg	nak	nag-i	-(a)n	-Vh-
3sg	nuk	nug-ak	-ag	-(u)r-, -Ø-
1pl	i-k	ig-ak	-(i)εg, -rεg	-(r)εg-, -ig-
2pl	a-k	ag-ak	-ari, -nΛg	-(u)nΛr-
3pl	esa	ag-ak	-ari, -nΛg	-(u)nΛr-
1dl	i-r	ir-a	-(i)εt, -rεt	-(r)εt-, -it-
2dl	a-r	ar-a	-ar, -nar	-(u)nΛt-
3dl	εrar	εrar-a	-ar, -nar	-(u)nΛt-

BAIMAK				
1sg	sak	sa-iki	-Ø, -i	-r-
2sg	nak	na-iki	-(u)n, -Ø	-s-
3sg	nuk	nug-ak	-Vk, -f, -Ø	-d-, -Ø-
1pl	ik	ig-ak	-(i)εk	-k-, -Ø-
2pl	ak	ag-ak	-agΛt, -nak	-vatu-
3pl	Λkuhun	ag-ak	-agΛt, -nak	-vatu-
1dl	iati		-(i)εt	-tu-
2dl	Λti (?)		-ar	-(pl)-
3dl	Λtow		-ar	-(pl)-

MATEPI				
1sg	sεg	sag-a	-VI	-il-
2sg	nεg	nag-a	-Vn	-ih-
3sg	nug	nug-ag	-(u)g, -Ø	-r-, -Ø-
1pl	ig	ig-ag	-VIεg	-ig-
2pl	εg	εg-ag	-(u)naga(r)	-(r)ar-
3pl	esa	εgag-ag	-(u)naga(r)	-(r)ar-
1dl	i:		-lεt, -lεtεt	-it-
2dl	εv		-(u)nar	-(t)at-
3dl	εla		-(u)nar	-(t)at-

	Free	Possessive	Genitive	Verbal Object
GAL				
1sg	sa	sa-gi	-l, -i	-r-
2sg	na	na-gi	-Vn, -m, -p, -t, -Ø	-s-
3sg	nug	nug-ag	-Vg, -Ø	-r-, -Ø-
1pl	ig	ig-ag	-ileg	-g-
2pl	ag	ag-ag	-Vl, -gar	-nd-
3pl	inag, beag	inag-ag	-Vl, -gar	-nd-
1dl	i:		-ilet	-t-
2dl	ev		-ar	-nt-
3dl	be arit		-ar	-nt-

GARUH				
1sg	da	hi-Ø	-l, -Ø	-ir-
2sg	na	hi-Ø	-n, -Ø	-id-
3sg	nug	h-ug	-ug, -u, -p, -Ø	-id-, -Ø-
1pl	ig	ha-nig	-nig	-ig-
2pl	ag	ha-lag	-lag	-(y)ad-
3pl	ohip	ha-lag	-lag	-(y)ad-
1dl	is	ha-nis	-nis	-is-
2dl	as	ha-las	-las	-(y)as-
3dl			-las	-(y)as-

KAMBA				
1sg	da	si-l	-l	-ii-
2sg	na	si-p	-n, -t, -m, -p	-ir-
3sg	nug	si-g	-(V)g, -Ø, -f	-ur-, -Ø-
1pl	ig	sa-nig	-nig	-ig-
2pl	ag	si-lag	-lag	-(l)ar-
3pl	uni, pe	si-lag	-lag	-(l)ar-
1dl	i	sa-nit	-nit	-it-
2dl	a	si-las	-las	-(l)at-
3dl	uni arit	si-las	-las	-(l)at-



# APPENDIX C

	Possessive Marker	Negation Marker
C 1 Kare	-angu, agu (dl)	i-
C 2 Girawa	-(^n, -ben (dl)	ba-
C 3 Munit	-ago, -go, -o	ta(i)-
C 4 Bernal	-al, -it (2)	i-
C 5 Sihan	-wa	beita-
C 6 Gumalu	-w, -ow (dl)	pei-
C 7 Isebe	-u	pe-
C 8 Amele	-na	pe-
C 9 Bau	-ow	pe-
C10 Panim	-u	pe-
C11 Raptang	-o	pi-
C12 Wamas	-a	pi-
C13 Samosa	-a	i-
C14 Murupi	-a	pi-
C15 Saruga	-a	pi-
C16 Nake	-a	i-, pira-
C17 Mosimo	-a	pi-
C18 Garus	-eh	p -
C19 Yoidik	-^, -ga (3, 6)	pi-
C20 Remp1	-^h	pi-
C21 Bagupi	-a	pi-
C22 Silopi	-ay (1), -an (2), -ag	pi-, kwi-
C23 Utu	-a	pi-, kwi-
C24 Mawan	-i (i, 2), -ak, -a (dl)	pi-
C25 Baimak	-iki (1, 2), -ak	pi-
C26 Matepi	-a (1, 2), -ag	pi-
C27 Gal	possessive noun	pi-
C28 Garuh	possessive noun	i-
C29 Kamba		pi-

# APPENDIX D

## LIGATIVES

### Kokon Family

Girawa	-m-, -n-, -r-,	-y-	-Ø-
Munit	-m-, -n-, -r-,		-Ø-
Bemal	-m-, -n-,	-l-, -p-,	-Ø-

### Gum Family

	-m-, -n-,		-Ø-
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### Hanseman Family

Silopi	-m-,		-Ø-
Utu	-m-,		-Ø-
Mawan	-m-, -n-,		-Ø-
Baimak	-m-, -n-, -r-,		-Ø-
Matepi	-m-, -n-,		-Ø-
Gal	-m-, -n-, -r-, -l-,		-Ø-

APPENDIX E  
PLURAL AND DUAL PRONOUN FORMATIVES

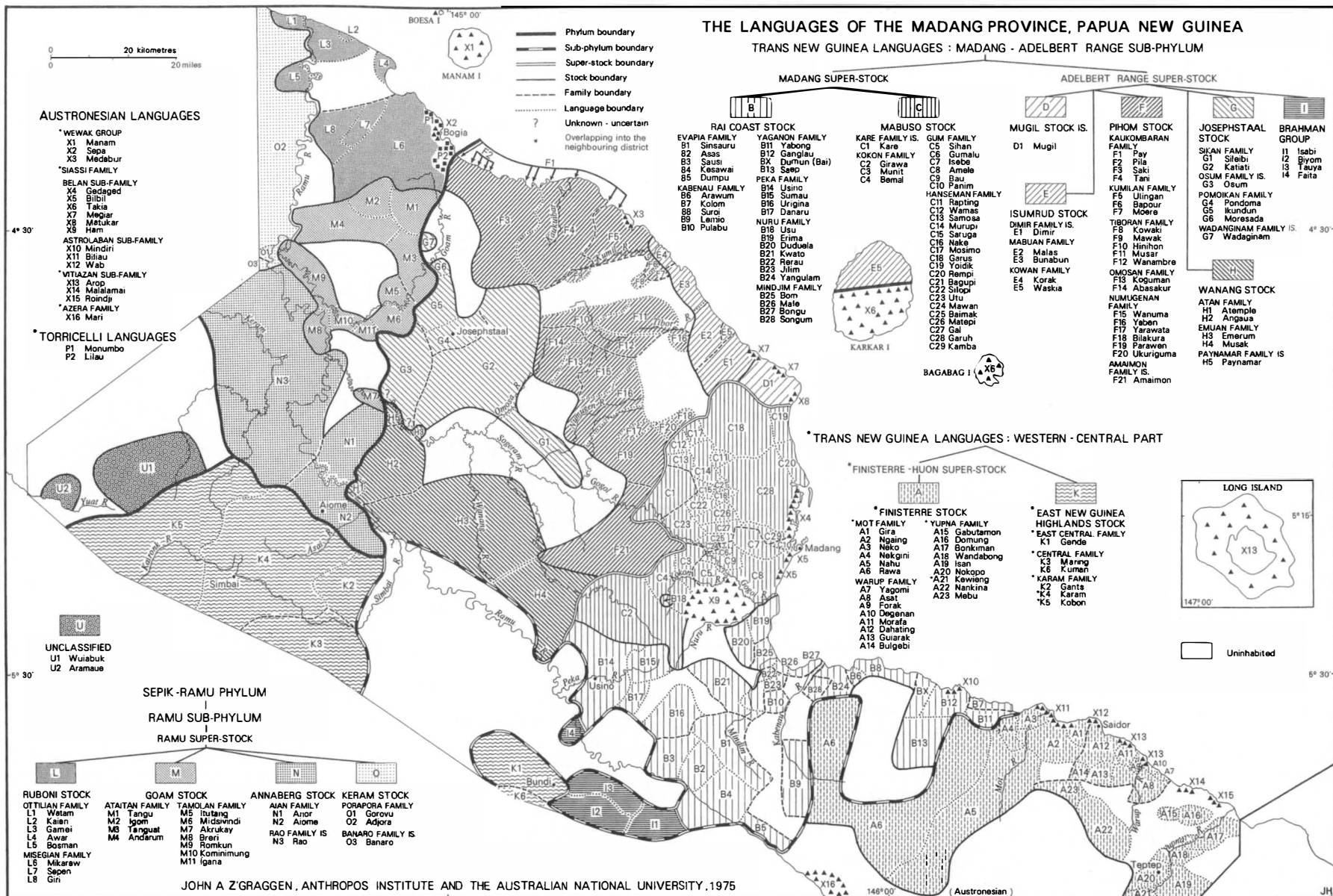
	Plural	Dual
C 1 Kare		-(a)mba
C 2 Girawa		noun
C 3 Munit	-gε	-rε
C 4 Bemal		noun
C 5 Sihan	-kε	-rε
C 6 Gumalu	-gε	-rε
C 7 Isebe	-gε	-lε
C 8 Amele	-kε	-lε
C 9 Bau	-kε	-rε
C10 Panim	-gε	-lε
C11 Rapting	-k	-t
C12 Wamas		
C13 Samosa		ari ( <i>two</i> )
C14 Murupi		arista ( <i>two</i> )
C15 Saruga	-ga	-y
C16 Nake	-g	-∅ ariai ( <i>two</i> )
C17 Mosimo	-gV	-y arita ( <i>two</i> )
C18 Garus	-g	-t
C19 Yoidik		noun
C20 Remp1		noun
C21 Bagupi	-g	-y
C22 Silopi		
C23 Utu		
C24 Mawan	-k	-r
C25 Baimak		
C26 Matepi		
C27 Gal		
C28 Garuh	-g	-s
C29 Kamba	-g	-∅

## N O T E S

1. Z'graggen 'Classificatory and Typological Studies in Languages of the (Western) Madang District' was submitted in 1969 as a doctoral dissertation to the Australian National University, Canberra, and published in 1971 with the inclusion of an additional chapter on the languages of the Astrolabe Bai area (104ff) and an expanded chapter of the Mabusu languages (pp.23-30).
2. The Gum Family was previously called the Baian Family.
3. The Proto-Oceanic forms are taken from Grace (1969) with some amendments and updating by Pawley.
4. Compare those forms also with the word for '*man*' or '*woman*' (p.1) respectively and '*child*' (p.2).
5. Forms given with no indication of morpheme divisions are used as vocatives.
6. Most forms for '*hair*' are the same as or similar to those for '*feather*'.
7. In order to obtain the words for '*belly*' and '*stomach*' the Melanesian Pidgin words *bel autsait* and *bel insait* were used. For '*stomach*' the same word as for '*excrement*' was given in most cases (see p.39).
8. The words '*heart*', '*liver*', '*lung*' were extremely difficult to obtain. It is doubtful if the right forms were given.

9. Two species of opossums were distinguished, those living in trees and those living on the ground. The colour of the fur appears to be another distinguishing factor.
10. Compare with '*smoke*' (p.69).
11. There are several types of '*arrows*' in New Guinea cultures which are differentiated according to the head of the arrow. The author distinguished the following types: 196a plain with one point; 196b with several prongs; 196c with a piece of bamboo or wood joined to the head of the arrow; and 196c with hooks on either side.
12. The word *tibut* is the name of a spirit used for Europeans. Compare also with '*skin*' (p.33).
13. Compare with '*teeth*' (p.18).
14. Compare with '*water*' (p.80).
15. The demonstratives '*this*' and '*that*' were elicited with reference to the investigator, i.e. '*this*' close to the investigator and '*that*' further away. The same holds for '*here*' and '*there*'.
16. There are different roots for the verb '*to give*' and some of the other verbs which were systematically studied for their relationship to the object. Most of the root forms are object-bound. The person of the object is given in brackets following the verb root (see p. xiii). The unmarked forms go with the rest of the object persons.
17. The intransitive verb '*talk*' consists of word + verb.
18. Compare with '*water*' (p.80). In a number of cases no difference is made between transitivity and intransitivity.
19. The verb '*carry on shoulder*' was elicited in the sense of '*a man carries a child on his shoulders*', and the object was changed for different pronouns.
20. Compare with '*burn*' (p.142).
21. The verbs '*make*' and '*put*' were frequently given as synonyms.

22. Compare with '*garden*' (p.70).
23. Compare with '*hear*' (p.134).
24. Compare with '*go down*' (p.126).
25. The verb '*singsing*' consists of the noun '*song*' + verb.
26. Compare with '*kill*' (p.142).
27. (pl) indicates that the corresponding plural pronoun form is taken.
28. *da* and *de* fluctuate.







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